

ALL Aptitude Papers

INFOSYS TEST @ IISC - 2000

1: there is a robbery and four persons are suspected out of them one is actual

thief,

these are the sentences said by each one of them!

A says D had done

B says A had done

C says i didn't done

D B lied when he said that i am thief

out of these only one man is true remaining are false

ans C is thef,D is true!

marks 3

2 how many four digit numbers divisible by four can be formed using

1,2,3,4;repetitions are not allowed!

ans 6;

marks 4

3 a vender scolds two things at same cost 12 RS with one item at 25%profit and other at 20%loss,by this transaction he made profit or loss by how much

ans loss,60paise

marks 3

4 two friends A,B are running up hill and then to get down!

length if road is 440 yards A on his return journey met B going up at

20 yards from top,A has finished the rase .5 minute earlier than

B,then how much time A had taken to complete the rase.

ans 6.3 minutes

marks 4

5 barons question diagnostic test question 8-12,5 men and 5 women went for foot ball match.....

marks 8

6 write a five digit number ,

which will be having two prime numbers,

and some two more conditions, like 1st digit greater than 2nd etc

its easy(remember one is not a prime number, most people don mistake

taking 1

as prime number)

ans 71842

5 marks

7 two employs were there
employ one says to employ two your work experience twice as me
emp2 exactly
emp1 but two years before you said that your work experience is
thrice as me
emp2 yes its also true
what are their work experience
ans 4,8
marks 3

8 there are four persons A,B,C,D and for languages English ,French
,German
Italian,
conditions
1 only one language is spoken by more than two men
2 A don't know English
3 a man can speak either French or German but not both
4 all man cannot speak in a group(no common language)
5 A can mediate when B and C want to speak with each other
6 each men can speak two languages
ans
A French Italian
B English French
C German Italian
D German Italian

marks 7

9 there are 3 women ,they having three jewells,named diamond emerald
,ruby

3 women A,B,C
3 thieves D,E,F
each thef had taken one jewel from each of the women
following conditions
one who had taken diamond is the bachelor and most dangerous
D 's brother in law E who is less dangerous than the thief who had

stolen emerald

(this is the key from this e had stolen ruby)
D did nt stolen from B
one more condition is there

marks 7

10 ther were five persons out of which two persons heir went white
and three persons hair is black
conditions
if A 's hir is white then B'hair is white
A,s hair is not blakck if C's hair is not black
two more conditions
but we can easily solve it from first codition
ans is Aand B's hair is white
marks 5

essay
in this age of super computer computer will repalce man!

what is contribution of industry towards humn growth

interview questions!

1 two time glasses 7,4 how you measure 9

2 four persons have to cross the bridge they are having one torch
light

four persons take 1,2,5,10 minuits respectively ,
when two persons are going the will take the time of the slowest
person

whats the time taken to cross allof them

ans 17minuits

3 a non uniform rope burns for one hour how you will measure
half an hour

ans lit it from both sides!

BEST OF LUCK!

INFOSYS TEST @ NAGPUR - 2000

questions

1. there were three suspects for a robbery that happend in a bank, tommy,
joy and bruceEach of them were saying that I haven't done anything and the
other two has done it.police found that tommy was lying .who is the thief.
3M (MARKS).

2. three clocks where set to true time .First run with the exact time
..second slows one minute/day. third gains one minute/day. after how many
days they will show true time. 3M.

3. A,B,C,D,E are some numbers.if $AB * CD = EEE$ and $CD - A = CC$
THEN what is $AB * D = ?$ IN SAME CODE .5M.

4. Joe started from bombay towards pune and her friend julie in opposite
direction.they meet at a point .distance travelled by joe was 1.8 miles
more
than that of julie.after spending some both started there way.joe reaches
in
2 hours while julie in 3.5 hours.
Assuming both were travelling with constant speed.Wath is the distance
between the two cities. 5M.

5. In a six level building,a person lives .suppose the persons are
A,B,C,D,E,F. --- and there were few clues like---
A cann't live above third level,
B cann't live above A and below C.-- i am recalling each.did u understood
the question--
u have to find person living at each level. 5M

6. There were some containers of quantity 1,3,4,5,6,12,15,22,24,38
liters.each was filled with some liquid except one.the liquids are milk,
water and oil.quantity of each was like this
water = $2 * \text{milk}$
oil = $2 * \text{water}$
find out which container was empty and cantainers filled with milk and

oil.
6M

7. there were few diamonds.
1st thief takes half of the diamonds +2
2nd thief takes half of the diamonds +2
3rd thief takes half of the diamonds +2
4th thief takes half of the diamonds +2
when 5 th thief arrives there were no diamonds. find total no. of diamonds.
(ans 60) 6M.

8. there were five hunters A,B,C,D,E and five animals A,B,C,D,E. Hunter having the same name with the animal didn't kill it. Each hunter has missed some animal.
A animal was hunt by the hunter whose name matches with animal hunt by hunter B.
C animal was hunt by the hunter whose name matches with animal hunt by hunter D.
E has hunt C and missed D .find out animals hunted by A,B,C. 6m.

9. Five students A,B,C,D,E.
when conversation started B,C were speaking english. When D join them they shifted to Spanish. A,E knows French .B,E knows Italian. Portuguese was known to three of them. Spanish was the most common language between them.
one of them knows five languages.
one of them knows four languages.
one of them knows three languages.
one of them knows two languages.
one of them knows only one language.

A knows ? 4 options
B knows ? 4 options
C knows ? 4 options
E knows ? 4 options 8M

WISH U ALL THE BEST.....
MAY ALL YOUR DREAMS COME TRUE !!!

Infosys Technologies Ltd
Aptitude Test 9th July 2000

1. A boy picks up the phone and asks "who are you?"
The voice from the other side answers "I am your mother's mother in law". What is the relation of the boy with the fellow speaking at the other end. (3 marks).

2. Imagine a rectangle. Its length = 2 * width. A square of 1 inch is cut on all corners so that the remaining portion forms a box when folded. The volume of the box is _____ cubic inches. Find the original dimensions of the box. (3 marks).

3. 2 persons are doing part time job in a company. Say A and B.
The company is open for all the 7 days of the week. 'A' works

every second day. 'B' works every 3rd day. If 'A' works on 1st June and 'B' works on 2nd June. Find out the date on which both 'A' and 'B' will work together. (4 marks).

4. Consider a pile of Diamonds on a table. A thief enters and steals $\frac{1}{2}$ of the total quantity and then again 2 extra from the remaining. After some time a second thief enters and steals $\frac{1}{2}$ of the remaining + 2. Then 3rd thief enters and steals $\frac{1}{2}$ of the remaining + 2. Then 4th thief enters and steals $\frac{1}{2}$ of the remaining + 2. When the 5th one enters he finds 1 diamond on the table. Find out the total no. of diamonds originally on the table before the 1st thief entered. (4 marks).

5. Imagine 4 persons A, B, C, D. (It is a strength determining game). A found it hard, but could pull 'C' and 'D' to his side. AC and BD pairs on opposite sides found themselves equally balanced. When A and B exchanged their positions to form pairs AD and BC, BC pair could

win and pull AD to their side. Order the 4 persons in Ascending order according to their strengths. (3 marks).

6. Consider a beauty contest. 3 persons participate. Their names are Attractive, Delectable, Fascinating. There are 3 tribes Pukkas, Wottas, Summas. Pukkas - Always speak truth. Wottas - Always speak lies. Summas - Speak truth and lies alternatively. Each of the 3 persons make 2 statements.

Attractive - (1)
(2)

Delectable - (1) I don't remember
(2)

Fascinating - (1)
(2) The person who speaks truth is the least beautiful

> From the statements they give and the character of the 3 tribal types, find out which person belongs to which tribe. Also find out the persons in the Ascending order of their beauty. (8 marks).

7. There are 5 positions - Clerk, Buyer, Cashier, Manager, Floorwalker. There are 5 persons - Mrs. Allen, Mrs. Clark, Twain, Ewing, Bennett. Conditions: 1. Clerk and cashier lunch time 11.30 to 12.30
2. Others 12.30 to 1.30
3. Mrs. Allen and Bennett play during lunch time.
4. Clerk and cashier share bachelor rooms.
5. Ewing and Twain are not in good terms because one day when Twain returned early from lunch he saw Ewing already sitting for lunch and reported about him to the manager.
Find out which person holds which post. (8 marks).

8. There are 8 courses to be handled by faculty in 2 semesters. 4 in 1st semester and 4 in 2nd semester. The candidates hired for the post are K, L, M, N, O. The courses are Malvino, Shakespeare, Joyce, Chaucer..... Some conditions will be given like,

1.L and N handle Shakespeare and malvino.

2.M and O handle Malvino and Joyce.

3.

4.

..

.. i don't remember

..

8.

Only one author can handle a course in 1 semester.

then 3 questions were asked based on these information and

3 options for each question were given (8 marks).

9. I don't remember

10.I don't remember.

Here is theinfosys paper It may not contain full questions and ans

Understand it

1. There are 4 married couples out ofwhich 3 a group isneeded . Butther

should not be his of her spouse .How nmany groups are possible ?

Ans 32

2.In the 4 digits 1,2,3,4 how many 4 digited numbers are possible

which are divisable by 4? Repetetions are allowed

Ans 64

3. Twow men are goingalong a trackf rail in the opposite direction.

One goods train crossed the first person in 20 sec.

After 10 min

the train crossed the other person who is commingin opposite direction

in 18 sec .Afterthe train haspassed, when the two persons will meet?

Approx 72min check it once.

4. Theno. of children adults . Theno .of adults the no .of boys .

The no.of boys no. of girls .The no.of girls no.of familyi conditions

- 1.No family is without a child
- 2 Every girl has atleast one brother and sister .

Ans c a b g f; 9 6 5 4 3 .

6. There are 4 boys Anand ,Anandya ,Madan and Murali with nicknames perich ,zombie ,drummy and madeena not in the same order

Some conditions

Ans Anand : Perich

Anandya: drummy

Madan : Zombie

murali: Madeena

7. There are 2 diamonds ,1 spade and 1 club and 1 ace and also 1 king ,1 jack

and 1 ace are arranged in a straight line

1. The king is at third place
2. The left of jack is a heart and its right is king
3. No two red colours are in consecutive.
4. The queens are separated by two cards. Write the order or which suits

(hearts ,clubs)and names(jacks queens etc.)

8. Write each statement is true or false 8M

1. The sum of the 1st three statements and the 2nd false statement gives the true statement.

2. The no. of true statements false statement

3. The sum of 2nd true statement and 1st false statement gives the first

true statement.

4. There are at most 3 false statements

5. There is no two consecutive true statements

6. If this contains only 1-5 statements ,the answer of this is same as the answer of the following question

9. Question on Venn diagram.

All handsome are also fair skinned

Some musculars are fair skinned

Some musculars are also handsome

All lean are also muscular

Some lean are also fair skinned.

All rich man is not fair skinned but all rich man are handsome

Some questions follow.

10

There are 3 piles each contain 10 15 20 stones. There are A,B,C,D,F,G

and h persons .One man can catch upto four stones from any pile.

The last man who takes will win. If first A starts next B. and so on

who will win?

Ans May be F

Essay writing

1 Intrnet revolution

2.Media for youth

INFOSYS

1. A person needs 6 steps to cover a distance of one slab.
if he increases his foot length(step length) by 3 inches he needs only
5 steps to cover the slabs length. what is the length of the each slab.

(ans 31 inches).

2. There are 19 red balls and one black ball . Ten balls are put in
one jar and the remaining 10 are put in another jar. what is the
possibility that the black is in the right jar.

(The question is bit of confusing but the answer is $1/2$).

3. There is one lily in the pond on 1st june. There are two in the pond
on 2nd june . There are four on 3rd june and so on.
The pond is full with lilies by the end of the june.

(i)On which date the pond is half full.

ans. 29th. --the june has 30 days)

(ii)if we start with 2 lilies on 1st june when will be the pond be full
with lilies.

(ans. 29th june)

4.A lorry starts from Banglore to Mysore at 6.00 A.M,7.00am.8.00 am.....10 pm.
Similarly one another starts from Mysore to Banglore at 6.00 am,7.00 am,
8.00 am.....10.00pm. A lorry takes 9 hours to travel from Banglore to Mysore
and vice versa.

(i) A lorry which has started at 6.00 am will cross how many lorries.

(ans. 10)

(ii)A lorry which had started at 6.00pm will cross how many lorries.

(ans. 14)

5 .A person meets a train at a railway station coming daily at a
particular time . One day he is late by 25 minutes, and he meets the train 5 k.m. before the
station. If his speed is 12 kmph, what is the speed of the train.

(ans. 60 kmph.)refer--Shakuntala devi book.

7. A theif steals half the total no of loaves of bread plus $1/2$ loaf from a bakery. A second theif
steals half the remainig no of loaves plus $1/2$ loaf and so on. After the 5th theif has stolen there
are no more loaves left in the bakery. What was the total no of loaves did the bakery have at
the biggining.

(ans: 31).

8. A gardener plants 100 meters towards east, next 100 meters towards north,next 100 meters
towards west. 98 meters towards east, 96 meters towards north and 96 meters towards west,
94 meters towards south.
and 94 meters towards east and so on.

If a person walks between the trees what is the total distance travelled by him before he reaches the center.

ans: |-----|

| |

| |

| |

| |

-----|- |

-----| -

9. Long division:

example: 1089709/12 ?

ANALYTICAL

4 question---40 marks; 40 minutes;

1. There are four women and 3 men. They play bridge one night. Find widow among them.

Rules:

(i) wife and husband are never partners

ii wife and husband never play more than one game.

One night they played four games as follows;

1. ----- + ----- VS ----- + -----

2. ----- + ----- VS ----- + -----

3. ----- + --*-- VS ----- + -----

4. ---*-- + ----- VS ----- + -----

the woman are marked * above.

ans: refer problem 21. mind teasers by Summers.

2. There are 5 peoples; few of them speak true, few of them false.

Identify them.

3. & 4.th problems on Venn diagram

INFOSYS

1. A person needs 6 steps to cover a distance of one slab. If he increases his foot length (step length) by 3 inches he needs only 5 steps to cover the slabs length. What is the length of the each slab.

(ans 31 inches).

3. There are 19 red balls and one black ball . Ten balls are put in one jar and the remaining 10 are put in another jar. what is the possibility that the black in the right jar.

(The question is bit of confusing but the answer is 1/2).

3. There is one lily in the pond on 1st june. There are two in the pond on 2nd june . There are four on 3rd june and so on.

The pond is full with lilies by the end of the june.

(i)On which date the pond is half full.

(ans. 29th. --the june has 30 days)

(ii)if we start with 2 lilies on 1st june when will be the pond be full with lilies.

(ans. 29th june)

4.A lorry starts from Bangalore to Mysore at 6.00 A.M,7.00am.8.00 am.....10 pm.

Similarly one another starts from Mysore to Bangalore at 6.00 am,7.00 am,

8.00 am.....10.00pm. A lorry takes 9 hours to travel from Bangalore to Mysore and vice versa.

(i) A lorry which has started at 6.00 am will cross how many lorries.

(ans. 10)

(ii)Alorry which had started at 6.00pm will cross how many lorries.

(ans. 14)

5 .A person meets a train at a railway station coming daily at a particular time . One day he is late by 25 minutes, and he meets the train 5 k.m. before the station. If his speed is 12 kmph, what is the speed of the train.

(ans. 60 kmph.)refer--Shakuntala devi book.

7. A thief steals half the total no of loaves of bread plus 1/2 loaf from a bakery. A second thief steals half the remaining no of loaves plus 1/2 loaf and so on. After the 5th thief has stolen there are no more loaves left in the bakery. What was the total no of loaves did the bakery have at the beginning.

(ans: 31).

8. A gardener plants 100 meters towards east, next 100 meters towards north, next 100 meters towards west. 98 meters towards east, 96 meters towards north and 96 meters towards west, 94 meters towards south.

and 94 meters towards east and so on.

If a person walks between the trees what is the total distance travelled by him before he reaches the center.

ans: |-----|

| |

| |

| | |

-----|- |

-----| -

9. Long division:

example: 1089709/12 ?

ANALYTICAL

4 question---40 marks; 40 minutes;

1. There are four women and 3 men. They play bridge one night. Find widow among them.

Rules:

(i) wife and husband are never partners

ii wife and husband never play more than one game.

One night they played four games as follows;

1. ----- + ----- VS ----- + -----

2. ----- + ----- VS ----- + -----

3. ----- + --*--- VS ----- + -----

4. ---*-- + ----- VS ----- + -----

the woman are marked * above.

ans: refer problem 21. miniagrams.

</pre></div>

<div><pre>

I received your paper.I am sending some of the Psychometric questions.

Do not bother much about this test.Be optimistic,While answering the questions.There will be 150 questions in this section.The questions may repeat with slight variation.Answer should be same.

1.You will be interested in social activities.

2.While going upstairs,you will move two steps at a time.

3.You will be making friendship with the same sex or with the opposite sex also.

4.Your friends consider you as a leader in your group.

5. People think that you are serious minded.
6. Sometimes you feel dull without any reason.
7. You are host or hostess for several parties.
8. Relatives come to your home and you will entertain them.
(Orey! Don't write your original opinion. You will try to get out them .Isn't it?)
9. You will do work for long time without tiredness.
10. In your company, you want to lead the organisation.

I have not received any mail from IITM. There is no time for them to give a mail. waste fellows. There is no dynamism in their blood. I have been waiting for the mail since three days.

Don't worry about telco. They will conduct interview and select based on the CGPA. Come to the lab regularly. These are crucial days. You know that TCS is visiting our campus on 3rd. That's my first company. Akka had sent a rakhi for me. You might be received the same. What is the news? What else?

send mail after receiving all the papers.

1. cv
2. critical reasoning
3. Psychometric

I know some 25 questions.

The technical comprises of 50 questions on C, Unix and windows. The interview for us is on a later date. If the questions come for you also, then intimate me.

1. `const char *`

`char * const`

What is the difference between the above two?

2. In Unix inter process communication takes place using?
3. What are the files in /etc directory?
4. About i-node numbers
5. Max relaxable permission value without giving write permission to others?
6. About ln (linking)
7. A question on until
until (who |grep mary)
do
sleep(60)
done
8. Linking across directories?

9. process id for kernel process
10. very first process created by kernel
11. function to repaint a window immediately?
12. Function entry for DLL in win3.1
13. win 3.1 is a
14. win 3.1 supports which type of multi tasking?
15. Message displayed when a window is destroyed
16. About fork()?
17. About send message and post message
18. Message to limit the size of window
19. System call executable binary file into a process
20. About GDI object?
21. API used to hide window

22. Initialize contents of a dialog?.

</pre></div>

<div><pre>

CV paper:

1-18 General (i) Data sufficiency

(ii) Analytical

(iii) Mathematics

19-45 C&UNIX

1. $|x-a|=a-x$ Ans: (c) $x \leq a$

2. There is six letter word VGANDA . How many ways you can arrange the letters in the word in such a way that both the A's are together.

Ans : 120 (5x4!)

3. If two cards are taken one after another without replacing from a pack of 52 cards what is the probability for the two cards be queen. Ans : $(4/52) * (3/51) (1/17) * (1/13)$

4. $51 \times 53 \times \dots \times 59$; symbols ! - factorial

^ - power of 2

(a) $99!/49!$ (b) (c) (d) $(99! \times 25!)/(2^{24} \times 49! \times 51!)$

5. The ratio of Boys to Girls is 6:4. 60% of the boys and 40% of girls take lunch in the canteen. What % of class takes lunch in canteen.

Ans : 52% $(60/100) * 60 + (40/100) * 40$

Data Sufficiency : a) only statement A is sufficient , B is not

b) only statement B

c) both are necessary

d) both are not sufficient.

6. X is an integer. Is X divisible by 5?

A) 2X is divisible by 5.

B) 10X is divisible by 5.

Ans : A)

7. (A) Anna is the tallest girl

(B) Anna is taller than all boys.

(Q) . Is Anna the tallest in the class

Ans : c

8. maths question

9, 10 Analytical

Zulus always speak truth and Hutus always speak lies. There are three persons A,B&C. A met B and says " I am a Zulu or I am Hutu". We don't know what exactly he said. then B meets C and says to c that " A is a Zulu ". Then C replied " No, A is a Hutu ". How many Zulus are there ?

Ans 2(check)

10) Who must be a Zulu ?

Ans B (check)

11,12,13,14.

A father F has 5 sons, p,q,r,s,t. Not necessarily in this order. Two are of same age. The eldest and youngest cannot be twins. T is elder to r and younger to q and s has three older brothers

q) who are the twins? s,t

q) who is the oldest and youngest? q, (s&t)

q)

q)

15,16,17,18

There are 7 people who take a test among which M is the worst, R is disqualified, P and S obtain same marks, T scores less than S and Q scores less than P, N scores higher than every one.

Ans : N P S T Q R M (may be, just check) or N S P T Q R M

C & UNIX

19. What does chmod 654 stand for.

Ans : _rw_r_xr__

20. Which of following is used for back-up files?

(a) compress (b) Tar (c) make (d) all the above Ans : b

21 what does find command do ? Ans : search a file

22. what does " calloc" do?

Ans : A memory allocation and initialising to zero.

23 what does exit() do?

Ans : come out of executing programme.

24. what is the value of 'i'?

```
i=strlen("Blue")+strlen("People")/strlen("Red")-strlen("green")
```

Ans : 1

25. i=2

```
printf("%old %old %old %old ",i, i++,i--,i++);
```

Ans : check the answer.

26. Using pointer, changing A to B and B to A is Swapping the function using two address and one temporary variable. a,b are address, t is temporary variable. How function look like?

Ans : swap(int *, int *, int)

27. In 'o' how are the arguments passed?

ans : by value.

28. Find the prototype of sine function.

Ans : extern double sin(double)

29. Scope of a global variable which is declared as static?

ans : File

30. ASCII problem

i=..

ans : 6

31 .

32. what is the o/p

printf(" Hello \o is the world ");

Ans : Hello is the world.

33. Clarifying the concept addresses used over array ; ie changing the address of a base element produces what error?

34. child process -- fork

child shell -- sh

35. Answer are lex yacc & man read these things in UNIX

36. What is

int *p(char (*s)[])

Ans : p is a function which is returning a pointer to integer

CTS 98 IIT MADRAS

Analogies

1. slur : speech

ans: smulge : writing (choice is B)

7. cpahlet : shoulder

ans: ring : finger (choice is C)

8. vernanlar : place

ans: finger print : identical (choice is B)

opposite

9.corphlent

ans: emaciated (choice is D)

10. officious

ans: pragmate (choice is D)

11. dextrous

ans: clumsy (choice is B)

12 -14: each sentence is broke to four sections a,b,c,d.choose which has mistake mark (e) if you find no mistake.

12:a)phylchologists pointout that

b)there are human processes

c)which does not involve d) the use of words(choice is A)

13:a)jack ordered for

b)two plates of chicken

c)and a glass d)of water (choice is A)

14:a) politics is

b) (choice is

A)(are)

16 - 20: each question of group of questions is based on a passage or a set of conditions for each question, select the best answer choice given.

(i). if it is forbidden by law if the object of agreement is the doing of an act, that is forbidden by law the agreement is void.

(ii). if it is of the nature that, it would defeat the provision of any law if the agreement is void. if the object of agreement is such that thing got directly forbidden by law it would defeat the provision of statutory law.

(iii). if the object of agreement is fraudulent it is void.

(iv). an object of agreement is void if it involves or implies to the personal property of another.

(v). an object of agreement is void where the constant regards are ignored.

(vi). an object of agreement is void where the constant regards are as opposed to public policy.

17. A, B, C enter an agreement for the division of many of their gains acquired or to be acquired by them by them by the agreement is void as:

ans: ---- (choice is D)

21-25) An algorithm follows a six step process za, zb, zc, zd, ze, zf, it is governed by following:

(i) zd should follow ze

(ii) the first may be za, zd or zf

(iii) zb and zc have to be performed after zd

(iv) zc must be immediately after zb

21) ans: - D 22) if za the first set zd must be

a) 3rd

b) 5th

c) 2nd

d) 4th ans: - A or D (probably a)

23) zf can be 3rd or 5th-----any of the six, first, second or fourth only, any of first four only none these:

ans: - B

24) if zb must follow za then

a) za can only 3rd or fourth

b) first or second

c) can not be third

d) fourth or fifth

e) none

ans: - A

25) ze is third term the no of diff operations possible is

ans: - D (dabad)

26-31) ravi plans six steps-- x, y, z, w, u, v in rows no 1 to 6, according to the following conditions he must plant x before y and u he must plant y " w the 3rd has to be z

26) which could be in order

a) xuywzv

b) xvzyuw

c) zuyxwv

d) zvuxwy

e) wyzuvx

ans: - B

27) which is true

a) z before v

b) z before x

c) w before u

d) y before u

e) x before w

ans:- D

28) if he plans v first which is second x,y,z,w,u so ans is 'x'.
choice is A.

29) which is true

a) x,3

b)y,6

c)z,1

d)w,2

e)u,6

ans:- E

30) if he plans b 6th which would be first and second

a) x and w

b) x and y

c)y and x

d)w and z

e) w and u

ans:- B

31) if he plans w before u and after v he should plan w at

a) first

b)second

c)fourth

d)fifth

e)sixth

ans:- D

32)thursday

33)a&d

34)south hit

35)

36)at a certain moment a watch shows 2 min lag although it is fast.if it showed a 3 min lag at that moment ,but gain 1/2 min more a day than it does. it would show the true time one day sooner than it usually does .how many mins does the watch gain per day.

a).2

b).5

c).6

d).4

e).75

ans : e

---->(discount problem) 20%->15%then->32% (ans:32%)

37)in 400m race a gives b a start of 7 sec & beats by 24m.in another race a beats by 10 sec.the speeds are

a)8,7

b)7,6

c)10,8

d)6,8

e)12,10

ans:c(10,8)

38) $3x+4y=10$

$x^3+y^3=6$ minimum value of $3x+11y=?$

ans=?

39)0.75

40)-

41)sink---7.7kms--->fills 2 1/4 t is 5.5 min. 92 tonnes enough.. sink throws out 18 tonnes/hr.
avg. speed to

- a)1.86
- b)8.57
- c)9.4
- d)11.3
- e)10.7

42) . _____

/ \ 2 2 cms

/ _a_ \ _____

/ \ 3 2 cms area of the d=50 cm square

/ ___b___ \ _____ what is the area of the b=?

/ \ 4 2 cms

/ _____c_____ \ _____

/ \ 5 2 cms ans=(10.7)

/ _____d_____ \ _____

43)600 tennis players 4% ->wrist band on one wrist of remain 96%->25%->on both hands

remain no of ---(ans:312)

44)312(doubt) or 432

45)in how many ways 5e,6s,3f be arranged if books of each language are to be kept together

17,64800,90,58400,3110400

ans:e(3!*5!*6!*3!=3110400)

46)---

47)three types of the a,b,c costs Rs. 95/kg,100/kg&70/kg .how many kg of each be blended to produce 100 kg of mixture worth Rs.90/kg,gives that the quantities of b&c are equal

- a)70,15,15
- b)50,25,25
- c)60,20,20
- d)40,30,30

ans:b

48)water milk problem

49)x+y+z=w

q)two distinct no's are taken from 1,2,3,4.....28

a)probably that the no is 6 -->1/14

b)probably that it exceeds 14 -->1/28

c)both exceed 5 is 3/28

d)less than 13->25/28 (24/28)

e)none

ans:d

51)1200 died 6

due to acc 7

55)170%

CTS '99

Pondicherry

SECTION I - 8 questions.

Series.

1. Interchange of letters in a word and the adjacent letters are also to be changed. given letters series like [also few condotions]

AAABBB=

ABABAB=

LET QUESTION IS ABBAAB

If we apply 25 on this it means we have to interchange the letters at positions 2 and 5, and we have to change the adjacent letters 2 and 5 from A to B and B to A.

That is q's A B B A A B

after Step 1 i.e interchange 2 and 5.

now change adjacent elements of 2 and 5...finally answer becomes

Ans: B A A B B A

//Hint: As per question papers 5 questions above like but numbers change.

REMAINING 3 QUESTIONS:

6. To get AAABBD from BBBAAB what ot apply:-

a) 25 b) 34 c)25 & 34 d) none

SECTION II

1. Given the function $f(n \ a \ b \ c) = ac$ if $n=1$

$f(n \ a \ b \ c) = f(n-1 \ a \ b \ c) + f(1 \ a \ b \ c) + f(n-1 \ b \ a \ c)$

if $n > 1$

$f(2) = ?$

Ans: $f(2 \ a \ c \ b) = ab + ac + bc.$

2. similar question in functions.

3. [based on function in 1.] $f(4 \ a \ b \ c)$ the number of terms is...?

Ans: $f(4 \ a \ b \ c) = f(3 \ a \ c \ b) + f(1 \ a \ b \ c) + f(3 \ b \ a \ c)$ etc.

$= 5ab + 5ac + 5bc.$

4. $f(5 \ a \ b \ c) = ?$

SECTION III

Permutations and Combinations.

8 questions.

1. r = number of flags;

n = number of poles;

Any number of flags can be accommodated on any single pole.

i) $r=5, n=5$ The no. of ways the flags can be arranged ?

ii) to iv) are based on this.

6. $r= 5 \ n = 3$. If first pole has 2 flags ,third pole has 1 flag

how many ways the remaining can be arranged?

7. & 8. same as above.

SECTION IV

Question consisting of figures consist of 4 small squares and every square having an arrow pointing in one Direction.

GRE test of reasoning.

hint: What is the next sequence if we tilt the figure by 90 degrees like that(clockwise and mirror images ?).

SECTION V

In this section first part of compound word is given. Select meaning of the second part from the choice given:

1. Swan

2. Swans

3. Fool

4. Fools

5. Stare

6. Lady

For all above 4 choices are given.....

Eg. Swan

a) category b) music c) --- d) none

Ans: Swansong is compound word. But song is not given as option. so

b) music is answer.

TS 99 PAPER .

This paper contains 40 questions and time is 60mts. /

CTS -REC'99(TRICHY)

SECTION-1:

Find the sequence:

(d is always NONE)

1. BC CE EG GK ?

a)KN b)KU c)KM d)

2. AA AB BC CE?

a)EG b)EH c)EI d)

3. AB EF JK QR ?

a)YZ b)ZA c)AB d)

4.ACD EGL IKT MOB?

a)QST b)QSZ c)QSY d)

5.AC CG GO OE?

a)EJ b)EI c)EL d)

6.AE BH CM DU?

a)EH b)EZ c) EB d)

7. AD DP PL LV

a)VS b)VK c)VI d)

8. SE QU EN TI?

a)CN b)BM c)AI or AZ d)

SECTION-II:

FIND THE VALUES FOR FOLLOWING PROBLEM:

$F(X) = 2X - 1 + f(X-1)$ if $X \neq 0$

if $f(X=0)=0$

9. $f(5)$ VALUE

a)15 b)24 c)22 d)NONE

10. $f(f(2))$

11. $f(16) - f(15)$

12. $f(16) + f(15) - 480$

13. $f(f(x)) = 81$ THEN VALUE OF $X =$

14. $f(X) = 4f(X-1)$ THEN VALUE OF $X =$

15. $f(X) = f(X-1) + f(X-2)$ FOR $X > 1$ THEN $X =$

16. $f(X) - f(X-1) = f(X-8)$ FOR $X > 5$ THEN $X =$

SECTION -III:

In the following questions we are giving 'a word' which may not have any meaning. Find different possible words or palindromes for the word as per question.

I. for the following find no. of distinct words that can be formed.

17. TYGHHTT

A).420 B)1540 C)840 D)NONE

18. TYGHHTY

19. TYGHHTT

20. TYGHHTT

21. TYGHASD

22. TYGHHTY

II Find NO. OF POSSIBLE PALINDROMES for following

23. TYGHHTY

24. TYHHHTYH.

/*DEAR FRIENDS DON'T CONFUSE WITH THE WORDS REPEATED. I am sure. Words are same. They might have changed the questions for 20, 21, 22. Concentrate on that respect*/

25 to 32 are figures. You have to analyse them. He will give five figures. One is not correct

SECTION IV:

It having complete of figs. (26 -32)

SECTION -V:

For following first find out the anagram and then note the corresponding meaning.

33. TABLET (anagram means first you arrange the letters in correct order like (TABLET == BATTLE . so ans is FIGHT i.e. B)

34. RUGGED

35. GORE.

36. STASSI.

For all above choices are.

A) resentment B) Fight c) Help d) Monster

37. ENFOLD

38. LAMB

39. RECEDE.

40. PLEASE.

For above 4 choices are same

A) cuddle B) sleeping c) proclamation d) ointment.

TCS QUESTION PAPER

part A - Vocabulary(synonyms) 40 Questions

1. To merry = Enjoy
2. To Alienate = abandon
3. To Solicit = Humble
4. To Heep = to gather
5. Cargo = load, luggage
6. Momentary = for small time
7. Volume = quantity
8. To Veer =
9. To Admonish =
10. To Meager = small, little
11. To latitude,
12. Latent =
13. To Covet = To desire
14. To Discretion =
15. Potential = ability
16. To Emancipate,
17. To Wethargy,
18. To Concur = similiar
19. To Confiscate = To take charge, to annex
20. To Dispel =
21. Baffle = puzzle
22. Subsidise =
23. Misery =
24. Pretentious =
25. Tranquil = calm, silent
26. Ellace
28. Rinaile,
29. Obstinate
30. Hover
31. Caprice,
33. Belate = after time
34. Brim = edge
35. Divulge,
36. Lamont,
37. Bileaf,
38. Embrace =
39. Adhesive =
40. Miserable =

Critical Reasoning

1. My Father is only child to his Father. My father has three sisters. All are married and have two children each.
(state True or False Or Can't be determined)
- 1.1 My Grand father has two sons (false)
 - 1.2 I am having six cousins (true)
 - 1.3 I have three uncle (true)

Part B (15 Questions)

1. Two Pencils 8 cents 5 Pencils cost (Ans 20 cents)

2. A work is done by two people in 24 minutes. One of them alone can do it in 40 minutes. How much time will the other person will take to complete it (60 minutes)

3. A car is filled with 4.5 gallons of fuel for a round trip . Car is taken $\frac{1}{4}$ more than in going than coming up. What is the fuel consumed in coming up ? (2.0 gallons)

CHECK

4. Low temperature at the night in a city is more than $\frac{1}{2}$ high as higher temperature are 100. Then What is low temperature (Ans 40)

5. Person who decided to go to weekend trip should not exceed 8 hrs driving in a day. Average speed of forward journey is 40 miles/hour . Due to traffic in sundays ,in return journey average speed is 30mph . How far he can select a picnic spot ? (ans 240 miles)

CHECK

6. A sales person multiplied by a number and get the answer 3. Instead of that number divided by 3. What is the answer she actually has to get.

$(\frac{1}{3}) * 1 * 3 = 3$ so the no= 1 divided by three. The answer = $\frac{1}{3}$

7. A ship started from port and moving with 'I' miles/hour and other ship started From L and moving with 'H' miles/hour . At the place where these two ships will meet. (ans $L * I * H / (H + I)$)

8. A building with height D shadows up to G. A Neighbour building with what height shadows C feet. (ans CD/G)

9. A person was fined for exceeding the speed limit by 10mph. Another person was also fined for exceeding the speed limit by twice the same. If the second person was travelling at speed of 35mph . Find the speed limit (ans. 15mph)

10. A bus started from the bus stand at 8 Am and after staying 30 minutes at a destination return back to the bus stand. The Destination is 27 miles from the bus stand . The Speed of the bus is 18mph . In the return journey the bus travels with 50% fast speed. At what time it is return to the bus stand (1 p.m)

CHECK

11. In a mixture R is two parts, S is one part . In order to mixture how much R is to be added. Ans S is 25% of R

WISH YOU ALL THE BEST

Subject: C and COBOL (fwd)

this is the TCS C paper.it actually contains 50 questions.but i am

sending only 43 questions.though 46 questions are available only these are

visible.so it is i am sending 43 only.the set code is 'D'.

1.The C language terminator is

- a.semicolon
- b.colon
- c.period
- d.exclamation mark

2.What is false about the following

A compound statement is

- a.A set of simple statments
- b.Demarcated on either side by curly brackets
- c.Can be used in place of simple statement
- d.A C function is not a compound statement.

3.What is true about the following

C Functions

- a.Need not return any value
- b.Should always return an integer
- c.Should always return a float
- d.Should always return more than one value.

4.Main must be written as

- a.the first function in the program
- b.Second function in the program
- c.Last function in the program
- d.any where in the program

5.Which of the following about automatic variables within a function is correct ?

- a.its type must be declared before using the variable
- b.they are local
- c.they are not initialised to zero
- d.they are global.

6.Write one statement equalent to the following two statements

```
x=sqr(a);  
return(x);
```

Choose from one of the alternatives

- a.return(sqr(a));
- b.printf("sqr(a)");
- c.return(a*a*a);
- d.printf("%d",sqr(a));

7.Which of the following about the C comments is incorrect ?

- a.commentscan go over multiple lines
- b.comments can start any where in the line
- c.a line can contain comments with out any language statements
- d.comments can occur within comments

8.What is the value of y in the following code?

```
x=7;y=0;  
if(x=6)
```

```
y=7;
```

```
else
```

```
y=1;
```

a.7

b.0

c.1

d.6

9.Read the function conv() given below

```
conv(int t)
```

```
{
```

```
int u;
```

```
u=5/9 * (t-32);
```

```
return(u0;
```

}
What
a.15
b.0
c.16.1
d.29

10. which of the following represents true statement
either x is in the range of 10 and 50 or y is zero

a. $x \geq 10 \ \&\& \ x \leq 50 \ || \ y = 0$;

b.

c.

d.

11. Which of the following is not an infinite loop ?

a. `while(1){`

....

`}`

b. `for(;;){`

...

`}`

c. `x=0;`

`do{`

`/*x unaltered within the loop*/`

...

`}while(x==0);`

d. `# define TRUE 0`

...

`while(TRUE){`

....

`}`

12. what does the following function print?

`func(int i)`

`{`

`if(i%2)return 0;`

`else return 1;`

`}`

`main()`

`{`

`int =3;`

`i=func(i);`

`i=func(i);`

`printf("%d",i);}`

a.3

b.1

c.0

d.2

13. how does the C compiler interpret the following two statements

`p=p+x;`

`q=q+y;`

a. `p=p+x;`

`q=q+y`

b. `p=p+xq=q+y`

c. `p=p+xq;`

`q=q+y`

d. `p=p+x/q=q+y`

For questions 14,15,16,17 use the following alternatives

a.int

b.char

c.string

d.float

14. '9'

15. "1 e 02"

16. 10e05

17. 15

18. read the following code

```
# define MAX 100
```

```
# define MIN 100
```

```
....
```

```
....
```

```
if(x>MAX)
```

```
x=1;
```

```
else if(x<MIN)
```

```
x=-1;
```

```
x=50;
```

if the initial value of x=200, what is the value after executing this code?

a. 200

b. 1

c. -1

d. 50

19. a memory of 20 bytes is allocated to a string declared as char *s

then the following two statements are executed:

```
s="Etrance"
```

```
l=strlen(s);
```

what is the value of l ?

a. 20

b. 8

c. 9

d. 21

20. given the piece of code

```
int a[50];
```

```
int *pa;
```

```
pa=a;
```

to access the 6th element of the array which of the following is incorrect?

a. *(a+5)

b. a[5]

c. pa[5]

d. *(*pa + 5)

21. consider the following structure:

```
struct num nam{
```

```
int no;
```

```
char name[25];
```

```
};
```

```
struct num nam n1[]={ {12,"Fred"}, {15,"Martin"}, {8,"Peter"}, {11,"Nicholas"} };
```

```
.....
```

```
.....
```

```
printf("%d%d", n1[2].no, (*(n1 + 2).no) + 1);
```

What does the above statement print?

a. 8, 9

b. 9, 9

c. 8, 8

d. 8, unpredictable value

22. identify the incorrect expression

a. a=b=3=4;

b. a=b=c=d=0;

c. float a=int b=3.5;

d. int a;

float b;

a=b=3.5;

23. regarding the scope of the variables; identify the incorrect statement:

- a. automatic variables are automatically initialised to 0
- b. static variables are automatically initialised to 0
- c. the address of a register variable is not accessible
- d. static variables cannot be initialised with any expression

24. cond 1?cond 2?cond 3?:exp 1:exp 2:exp 3:exp 4;

is equivalent to which of the following?

a. if cond 1

exp 1;

else if cond 2

exp 2;

else if cond 3

exp 3;

else

exp 4;

b. if cond 1

if cond 2

if cond 3

exp 1;

else

exp 2;

else

exp 3;

else

exp 4;

c. if cond 1 && cond 2 && cond 3

exp 1 |exp 2|exp 3|exp 4;

d. if cond 3

exp 1;

else if cond 2

exp 2;

else if cond 3

exp 3;

else

exp 4;

25. the operator for exponentiation is

a. **

b. ^

c. %

d. not available

26. which of the following is invalid

a. a+=b

b. a*=b

c. a>>=b

d. a**=b

27. what is y value of the code if input x=10

y=5;

if (x==10)

else if(x==9)

else y=8;

a. 9

b. 8

c. 6

d. 7

28. what does the following code do?

fn(int n,int p,int r)

{

static int a=p;

switch(n){

case 4: a+=a*r;

case 3: a+=a*r;

case 2: a+=a*r;

```
case 1:a+=a*r;
}
}
```

- a.computes simple interest for one year
- b.computes amount on compound interest for 1 to 4 years
- c.computes simple interest for four year
- d.computes compound interest for 1 year

29.a=0;

```
while(a<5)
```

```
printf("%d\n",a++);
```

how many times does the loop occurs?

a.infinite

b.5

c.4

d.6

30.how many times does the loop iterated ?

```
for (i=0;i=10;i+=2)
```

```
printf("Hi\n");
```

a.10

b.2

c.5

d.....

31.what is incorrect among the following

A recursive function

a.calls itself

b.is equivalent to a loop

c.has a termination condition

d.does not have a return value at all

32.which of the following go out of the loop if expression 2 becoming false

a.while(expression 1){...if(expression 2)continue;}

b.while(!expression 1){if(expression 2)continue;...}

c.do{..if(expression 1)continue;..}while(expression 2);

d.while(!expression 2){if(expression 1)continue;..}

33.consider the following program

```
#include <stdio.h>
int main()
```

```
{
    int i=10;
```

```
    while(i>=0){
```

```
        printf("%u",i);
        i--;
```

```
    }
}
```

how many times the loop was executed

a.10

b.9

c.11

d.infinite

34.pick out the add one out

a.malloc()

b calloc()

c.free()

d.realloc()

35.consider the following program

```
int main()
```

```
{
```

```
    int a[5]={1,3,6,7,0};
```

```
    int *b;
```

```
    b=&a[2];
```

```
}
```

the value of b[-1] is

a.1

b.3

c.-6

d.none

36.# define prod(a,b)=a*b

main()

{

int x=2;

int y=3;

printf("%d",prod(x+2,y-10)); }

the output of the program is

a.8

b.6

c.7

d.none

37.consider the following program sigment

int n,sum=1;

switch(n) {

case 2:sum=sum+2;

case 3:sum*=2;

break;

default:sum=0; }

if n=2, what is the value of sum

a.0

b.6

c.3

d.none

38.identify the incorrect one

1.if(c=1)

2.if(c!=3)

3.if(a<b)then

4.if(c==1)

a.1 only

b.1&3

c.3 only

d.all

39.teh format specified for hexa decimal is

a.%d

b.%o

c.%x

d.%u

40.find the output of the following program

main()

{

int x=5, *p;

p=&x;

printf("%d",++*p);

}

a.5

b.6

c.0

d.none

41.consider the following C code

main()

{

int i=3,x;

while(i>0)

{

x=func(i);

i--;

}

```
int func(int n)
{
static sum=0;
sum=sum+n;
return(sum);
}
```

the final value of x is

a.6

b.8

c.1

d.3

43.int *a[5] refers to

a.array of pointers

b.pointer to an array

c.pointerto a pointer

d.....

46.which of the following statements is incorrect

a.typedef struct new{

int n1;

char n2;

} DATA;

b.typedef struct {

int n3;

char *n4;

}ICE;

c.typedef union {

int n5;

float n6;

} UDT;

d.#typedef union {

int n7;

float n8;

} TUDAT;

Only These Are The Questions Available For C Paper.

ANSWERS:

1-5 D,C,D,C,C

6-10 D,C,C,A,D

11-15 D,C,A,A,A

16-20 B,C,D,C,A

21-25 C,D,B,D,A

26-30 C,B,B,A,D

31-35 B,C,C,C,B

36-40 A,B,A,B,B

41-45 A,D,D,D,A

46-50 B,C,C,A,A

This the COBOL paper.

01.consider the following piece of code

01 GROSS-PAY

05 BASIC-PAY PIC 9(5)

05 ALLOWENCES PIC 9(3)

if BASIC-PAY has a value 1000 and ALLOWENCES has a value of 250,what will be displayed by the statement

DISPLAY GROSS-PAY

a.1250

b.01000250

c.01250

d.1.250

02.consider two data items

77 W-A PIC 9(3)V99 VALUE 23.75

77 W-B PIC ZZ9V99 VLAUE 123.45

after the statement

MOVE W-A TO W-B

what will be W-B's value?

a.123.75

b.b23.75 (where b indicates space)

c.023.75

d.invalid move

03.what is the result of the following?

DIVIDE A INTO B GIVING C.

a.C=A/B

b.the remainder of B/A is stored in C

c.C=B/A

d.the remainder of A/B is stored in C

04.consider the statement (incomplete)

IF(A NUMERIC)

DISPLAY A

the variable A can be

a.NUMERIC

b.ALPHABETIC

c.ALPHANUMERIC

d.NUMERIC OR ALPHANUMERIC

05.which of the following can be used as a check protection symbol

a.Z

b.S

c.*

d.+

06.what if any ,is the syntex error in the following piece of code

01 B PIC A(7)

02 C PIC 9(4)

.....

IF(B NUMERIC)

ADD 10 TO C

a.the condition in the if statement is wrong

b.noting is wrong

c.because C is initialised.ADD 10 TO C is wrong

d.both B and C shoud have same size.

07.study the following code

01 A1

05 B PIC 99

05 C PIC X(4)

01 A2

05 B PIC 99V99

05 C PIC A(4)

pick out the valid statement from the following

a.A1 and A2 can not have sub-ordinates

b.A1 and A2 can have the same sub-ordinates but must have same PIC clause

c.there is nothing wrong

d.A1 and A2 can have same sub-ordinates provided they are not at 01 level

08.study the following

01 A PIC 99V0 VALUE 5

01 B PIC 9V9 VALUE 6

01 C PIC 99V9 VALUE 2.5

01 D PIC 99 VALUE 3

COMPUTE A ROUNDED B C = A+B*C/D

ON SIZE ERROR PERFORM PRINT-ERROR

the comments of A.B.C after execution of the above statement are

a.A=10 B=0 C=10

b.A=10 B=9.9 C=9.9

c.A=10 B=0 C=9.9

d.A=10 B=6 C=10

09.how many times PARA-A is performed :

PERFORM PARA-A VARYING TIMES-COUNTER FROM 1 BY 1

UNTIL TIMES-COUNTER >0

PARA-A

MOVE P TO Q

MOVE H TO TIMES COUNTER

a.10

b.1

c.11

d.0

10.consider the following piece of code

01 GROUP-ITEM

05 AMOUNT-1 PIC 99V9 USAGE COMP VALUE 50

05 AMOUNT-2 PIC 9(4)V99 USAGE COMP

MOVE ZERO TO GROUP-ITEM

ADD 50 TO AMOUNT-1

what will be the content of AMOUNT-1?

a.50

b.100

c.0

d.unpredictable

11.consider the following progrm statements

MOVE 0 TO SW.NO.OF.REC

PERFORM PRI-OUT UNTIL SW=1

DISPALY NO.OF.REC

STOP RUN

PRE-OUT

READ IN-FILE AT END

MOVE 1 TO SW

WRITE OUO-REC FROM IN-REC

ADD 1 TO NO.OF REC

if the IN-FILE contains 1000 records what value will be displayedafter the

PERFORM is over?assume that NO.OF.REC has PIC 9(4)

a.1000

b.1001

c.1

d.none of the above since there is a syntex error

12.study the data discriptions and answer the questions given below

i)01 ORDER RECORD
05 OUT-HEADER PIC X(50)
05 ITEM-COUNT PIC 99
05 OUT-ITEM PIC X(20) OCCURS 1 TO 20 DEPENDING ON ITEM-COUNT
ii)01 NAME-AND-ADDRESS
05 N-AND-A-LINE OCCURS 5
05 LINE-LENGTH PIC P9
05 N-AND-A-CHAR PIC X OCCURS 1 TO 20 DEPENDING ON LINE-LENGTH
iii)01 SALES-LIST
05 SALESMAN-COUNT PIC 99
05 SALES PIC 9(6) OCCURS 1 TO 100 DEPENDING ON
SALESMAN-COUNT
iv)01 ORDER-RECORD
05 NO-OF-BRANDS PIC 99
05 BRAND-PURCHASED OCCURS 1 TO 15 DEPENDING ON NO-OF-BRANDS

which of the following is true?

- a.i) and iii) are valid
- b.i) and iv) are valid
- c.i) and iii) are not valid
- d.all are valid

13.C1 C2 C3 are three conditions whose TRUTH values are as folloes.

C1-TRUE C2-FALSE C3-TRUE

A,B,C are defined as given below

A:C1 AND(NOT C2) OR C3

B.(NOT C1) OR (NOT C2 AND NOT C3)

C.(C1 OR C2)AND C3

D.C1 AND C2 OR C3

given the above information which of the following statements are valid?

- a.only A,B and C are TRUE
- b.only A,C and D are TRUE
- c.A,B,C and D are TRUE
- d.only C and D are TRUE

14.consider the following

FD FILE-1

01 REC-1 PIC X(80)

.....

WORKING-STORAGE SECTION

01 W-REC PIC X(90)

.....

PROCEDURE DIVISION

FIRST-PARA

.....

READ FILE-1 INTO W-REC AT END MOVE 1 TO EOF-FLAG

which of the following is true with respect to the above?

- a.REC-1 will contain nothing and W-REC will contain the contains of the record read
- b.REC-1 and W-REC contain the same data
- c.syntex is invalid and error will occur
- d.REC-1 and W-REC must be of same size

15.PERFORM ACCUMULATE-TOTALS

VARYING A FROM 1 BY 2 UNTIL A >2

AFTER B FROM1 BY 1 UNTIL B>2

AFTER C FROM 2 BY -1 UNTIL C<2

the paragraph ACCUMULATE-TOTALS would be exicuted

- a.18 times
- b.4 times
- c.8 times
- d.24 times

16.there is a file whose ORGANISATION is INDEXED.you want to read the records from the file in RANDOM fashion as well as sequentially.then which of the access mode would you specify?

a.SEQUENTIAL

b.RANDOM

c.DYNAMIC

D.ACCESS MODE has nothing to do with it

17.consider the following PROCEDURE DIVISION entry

OPEN EXTEND IN-FILE

identify the correct statement

a.organization of IN-FILE is sequential and records can be added in the beginning

b.organization of IN-FILE is sequential and records can be added in the end

c.organization of IN-FILE is indexed and records can be added in the beginning

d.organization of IN-FILE is indexed and records can be added in the end

18.what is the size of W-REC in the following

01 W-REC

05 A PIC 9(4)V99

05 B READLINES A

10 C PIC XX

10 D PIC S9(4)

05 E OCCURS 7 PIC ZZ.ZZ

05 F OCCURS 5

10 G PIC ZZ.ZZZ99

10 H OCCURS 3

15 J PIC 9(3)

15 K PIC V99

a.177

b.161

c.180

d.none of yhe above

19.consider the following two IF statements:

IF X AND NOT Y MOVE A TO B

IF Z=1 OR 9 MOVE A TO B

select one of the following data divusion entries which gives identical results for both the above IF statements

a.01 Z PIC 9

88 X VALUE 1.9

88 Y VALUE 0.2 THRU 8

b.01 Z PIC 9

88 X VALUE 0.2 THRU 8

Y VALUE 1.9

c.01 Z PIC 9

88 X VALUE 1.9

88 NOT-Y VALUE 0.2 THRU 1.9

d.none of yhe above

20.consider the following two statements

MOVE 10 TO N

PERFORM PARA-X N TIMES

STOP RUN

PARA-X

MOVE 5 TO N

how many times PARA-X willbe exicuted?

a.10

b.5

c.infinite

d.execution error

21.given the following:

77 A PIC 9V9 VALUE 9.5

77 B PIC 9 VALUE 9.

77 C PIC V9 VALUE 0.8

77 D PIC 9

77 E PIC 9

77 F PIC 9V999

what are the contents of D E and F after the following statements are executed:

COMPUTE F ROUNDED=A+C/B

MULTIPLY A BY C GIVING E

ADD B C A GIVING D ROUNDED

a.F=9.589 E=8 D=1

b.F=9.589 E=8 D=9

c.F=9.589 E=7 D=9

d.F=9.589 E=7 D=1

22. Consider the following IF condition:

IF A LESS 1200 IF B GREATER 25 MOVE 47 TO C

ELSE MOVE 57 TO C

IF A GREATER 249 MOVE 67 TO C

ELSE NEXT SENTENCE ELSE IF B LESS 67

MOVE 27 TO C

What will be the value of C, when A is 137 and b is 25

(a) 27

(b) 57

(c) 67

(d) none

23. Consider the following:

77 W-NUM PIC 9 VALUE 0

MOVE 1 TO W-NUM

PERFORM PARA-X UNTIL W-NUM > 9.

PARA-X

ADD 1 TO W-NUM

How many times PARA-X is executed ?

(a) 10

(b) 9

(c) 11

(d) Infinite loop

24. Consider the following code:

77 A PIC 99V99 VALUE 55.35

77 B PIC 99V999 VALUE 32.754

ADD B TO A ON SIZE ERROR DISPLAY "ERROR!!!"

What will be the result ?

(a) A=88.10, B=32.754

(b) A=87.00 B=32.754

(c) A=87.10 B=32.754

(d) ERROR!!! will be DISPLAYed on the screen.

25. Consider the following:

77 A PIC 9(10)

77 B PIC 9(10)

77 C PIC 9(19)

MULTIPLY AB BY B GIVING C

Which of the following is true ?

- (a) The execution of the above may result in size error.
- (b) The execution of the above will result in size error.
- (c) The definition of C is invalid resulting in compilation error.
- (d) No error will be there and the program would proceed correctly.

26. A paragraph PARA-X is to be executed when none of the data names A, B and C have value of 1. Which of the following will achieve this ?

- (a) IF A NOT = 1 OR B NOT = 1 OR C NOT = 1 PERFORM PARA-X
- (B) IF NOT A= 1 AND B= 1 AND C = 1 PERFORM PARA-X
- (C) IF A NOT =1 IF NOT B = 1 OR C= 1 PERFORM PARA-X
- (C) IF A NOT = 1 AND B NOT = 1 AND C NOT = 1 PERFORM PARA-X

27. Study the five expressions and the class to which they belong:

S.N. Expression Class

- 1 "SPACES" Figurative constant
- 2. "Depreciation Schedule Non-numeric literal
- 3. "12%" Non-numeric literal
- 4. INTEREST-DUE Non-numeric literal
- 5. ZEROES Figurative constant

Which of the following statement is true?

- (a) 1 and 3 are incorrect
- (b) 1 and 4 are incorrect
- (c) 3 and 4 are incorrect
- (d) All are correct

28. Identify the invalid dataname from the following:

- (a) SAVINGS-ACCOUNT
- (b) ANNUAL-ALLOCATION-FOR-OVERHEAD
- (c) SAMOUNT250
- (d) 12DEMAND

29. Study the DATA DIVISION entries and the three PROCEDURE DIVISION entries given below:

01 END-OF-FILE-SWITCH PIC XXX.

88 NO-MORE-RECS VALUE "YES".

88 MORE-RECS VALUE "NO".

(i) READ SAMPLE-FILE AT END MOVE "YES" TO NO-MORE-RECS.

(ii) IF NO-MORE-RECS = "YES" GO TO LAST-PARA.

(iii) IF NO-MORE-RECS GO TO LAST-PARA.

Which are wrong?

- (a) (i) and (ii)
- (b) (ii) and (iii)
- (c) (i) and (iii)
- (d) all

30. The following entries appear in the WORKING-STORAGE SECTION:

01 DATE-TODAY.

05 YY PIC XX VALUE "90".

05 MM PIC XX VALUE "12".

05 DD PIC XX VALUE :31".

01 DATE-EDIT PIC XX/XX/XX.

MOVE DATE-TODAY TO DATE-EDIT.

(a) 901231

(b) 90/12/31

- (c) 31/12/90
- (d) 311290

31. How many bytes will be allocated for the following record description entries?

- 01 REC-A.
 - 05 A PIC S9(4).
 - 05 B PIC XXXBXXX.
 - 05 C PIC ____9.99.
 - 05 D PIC S9(5) COMP-3.
 - 05 E PIC 9(3) COMP.
- (a) 29
 - (b) 26
 - (c) 25
 - (d) 28

32. What is wrong with the following data declaration?

- 01 W-DATE PIC X(6).
 - 05 DD PIC 99.
 - 05 MM PIC 99.
 - 05 YY PIC 99.
- (a) Nothing is wrong.
 - (b) Under W-DATE all level 05 items are having a PIC 99 but level 01 has PIC X(6).
 - (c) PIC can't be specified for a group item.
 - (d) DD, MM, and YY are invalid datanames.

33. What is the output generated by the following code?

- 01 GRP-1.
 - 05 SUBFLD1 PIC XX VALUE "AB".
 - 05 FILTER PIC X(6) VALUE SPACES.
 - 01 GRP-2 REDEFINED GRP-1.
 - 05 SUB-FLD2 PIC XX.
 - 05 SUB-FLD3 PIC XX.
 - 05 FILTER PIC X(4).
 - IF SUB-FLD1 NOT = SPACES
 - DISPLAY "SUBFLD1"
 - MOVE "ABBCCD" TO GRP-1
 - IF SUB-FLD3 = SPACES
 - DISPLAY "SPACES"
 - ELSE
 - DISPLAY "SUBFLD3"
 - DISPLAY "END"
 - ELSE
 - DISPLAY "SPACES"
 - DISPLAY "END".
- (a) SUBFLD1
SUBFLD3
END
 - (b) SPACES
END
 - (c) SUBFLD1
END
 - (d) SUBFLD1
SPACES

34. 88 level entry is used for

- (a) data items in WORKING-STORAGE SECTION
- (b) items with RENAME clause

- (c) condition-names
- (d) None of the above

35. ZEROES and SPACES are _____ constants

- (a) Figurative
- (b) Numeric
- (c) Non-numeric
- (d) Alphabete

36. COMPUTE $X = A * B - C * D$ and
COMPUTE $X = (A * B) - (C * D)$

- (a) Are not the same
- (b) Are same
- (c) Syntactically wrong
- (d) Will yield a run time error

37. OCCURS clause is used in the DATA DIVISION on data names at

- (a) 01 level
- (b) 77 level
- (c) 88 level
- (d) any level from 02 to 49

38. Consider the following COBOL entries:

05 X PIC 99 VALUE 10.

SUBTRACT 20 FROM X.

The resultant value of X will be

- (a) 10
- (b) 00
- (c) compile-time error
- (d) none of these

39. Consider the following COBOL entries

05 X PIC 99 VALUE 10.

ADD 40 X TO X.

COMPUTE $X = 3 * X - 40$.

The result in X is

- (a) 10
- (b) 40
- (c) Compile or Run time error
- (d) none of these

40. given the following piece of code:

CALL SUB-PGM USING A, B, C.

CALL SUB-PGM USING A, C, C.

- (a) Both CALL statements will always produce same result.
- (d) Both CALL statements may produce different result.
- (c) Compile-time error because SUB-PGM is a dataname.
- (d) Compile-time error because A, B, C are used twice.

41. The hierarchy of the execution of logical operators is

- (a) NOT AND OR
- (b) AND OR NOT
- (c) OR AND NOT
- (d) OR NOT AND

42. The order of precedence of arithmetic operators in an expression can be overridden with the use of

- (a) []
- (b) ()

- (c) { }
- (d) Any of the above

Consider the following passage for answering questions 43 to 47.

A program is written to accept an answer to the query "enough fo the Day?"
If the respons is "N" then the program accepts quantity purchased and rate of the item and displays the amount to be collected. Then the above query is again displayed and the loop continues. At the end of the day, when the response to the above query is "Y", the day collections are displayed.

The program checks that the quantity purchased is between 25 and 125 and the rate of the item is between 10.00 and 75.00. If any of these two conditions are violated, the program displays an appropriate message and asks for next input. The amounts are displayed with proper editing. The program is written assuming that there can be a maximum of 1000 transactions a day.

43. How many variables would you declare for the above problem?

- (a) 3
- (b) 4
- (c) 5
- (d) 7

44. What should be the PICTURE clause of the variable used to calculate end of the day collections?

- (a) 9(9)v99
- (b) 9(8)v99
- (c) 995)v99
- (d) Information given is insufficient to arrive at the answer

45. What should be the PICTURE clause of the variable used to calculate to be collected.

- (a) 9(9)v99
- (b) 9(8)v99
- (c) 9(5)v99
- (d) Information given is insufficient to arrive at the answer

46. Assuming that the above program is being executed in a Department Stores in MADRAS which of the following PICTURE clause will be suitable for DISPLAYing the end of the day collections?

- (a) Z(5)V99
- (b) Z(5).99
- (c) ZZ,ZZ,ZZ,ZZ9.99
- (d) Information given is insufficient to arrive at the answer

47. How many _____ statements do you think will be there in the program?

- (a) 3
- (b) 4
- (c) 5
- (d) Information given is insufficient to arrive at the answer

48. Which of the following paragraphs is compulsory in every COBOL program?

- (a) SPECIAL-NAMES
- (b) PROGRAM-ID
- (c) FILE-CONTROL
- (d) OBJECT-COMPUTER

49. Which of the following files can be OPENed in all the 4 modes? The four modes are INPUT, I-O, OUTPUT and EXTEND.

- (a) INDEXED
- (b) RELATIVE
- (c) SEQUENTIAL
- (d) All of the above

50. Which of the following EDIT and PICTURE symbols is to be used if a minus(-) is to appear before the value if the value is -ve and a plus(+) is to appear before the value if the value is +ve?

- (a) +
- (b) -
- (c) + OR
- (d) It is not possible

solutions

b,b,c,c,c,a,d,a,b,a,c,c,b,b,b,c,b,d,a,a,c,b,d,a,d,d,b,c,d,b,a,c,a,c,a,b,d,
a,c,b,a,b,b,b,c,c,a,b,c,a

this is vocabulary section in tcs paper!
with solutions

1 admonish : usurp
2 meager : scanty
3 alineate: estrange
4 merry :gay
5 brim: boarder
6 obstinate:stubborn
7 adhesive:tenacious
8 tranquil :serene
9 solicit: urge
furtive : stealthy
misery:distress
volume:quantity
hamper :obstruct
verr :diverge
belief:conviction
incentive:merit
inert:passive
concur:acquire
cargo:freight
dispel:scatter
caprice:whim
heap:to pile
covet:crave
emancipate:liberate
instigate:incite
latitude:scope
lethargy:stupor
divulge:discretion
hover:linger
embrace:effigy
baffle:frustate
lament:wail
stifle:snithy
subside:wane
confiscate:appropriate
discretion:prudence

efface:deliberate
latent:potential

The technical comprises of 50 questions on C,Unix and windows.
The interview for us is on a later date.If the questions come for you also,then intimate me.

1.const char *

char * const

What is the difference between the above two?

2.In Unix inter process communication take place using?.

3.What are the files in /etc directory?.

4.About i-node numbers

5.Max relaxable permission value with out giving write permission to others?.

6.About ln(linking)

7.A question on until

until (who |grep mary)

do

sleep(60)

done

8.Linking across directories?.

9.process id for kernel process

10.very first process created by kernel

11.function to repaint a window immediately?.

12.Function entry for DLL in win3.1

13.win 3.1 is a

14.win 3.1 supports which type of multi tasking?.

15.Message displayed when a window is destroyed

16.About fork()?.

17.About send message and post message

18.Message to limit the size of window

19.System call executable binary file into a process

20.About GDI object?.

21.API used to hide window

22.Initialize contents of a dialog?.

APTITUDE TEST

20 QUESTIONS; 2 MARKS EACH

TIME-20MINUTES

1) ONE RECTANGULAR PLATE WITH LENGTH 8 INCHES, BREADTH 11 INCHES AND 2 INCHES THICKNESS IS THERE. WHAT IS THE LENGTH OF THE CIRCULAR ROD WITH DIAMETER 8 INCHES AND EQUAL TO VOLUME OF RECTANGULAR PLATE?

ANS: 3.5 INCHES

2) WHAT IS THE NUMBER OF ZEROS AT THE END OF THE PRODUCT OF THE NUMBERS FROM 1 TO 100

3) in some game 139 members have participated every time one fellow will

get bye what is the number of matches to choose the champion to be held?

ans: 138

4) one fast typist type some matter in 2hr and another slow typist type the

same matter in 3hr. if both do combinely in how much time they will finish.

ans: 1hr 12min

5) in 8*8 chess board what is the total number of squares refer odel

ans:204

6) falling height is proportional to square of the time.

one object falls 64cm in 2sec than in 6sec from how much height the object will fall.

7) gavaskar average in first 50 innings was 50 . after the 51st innings his average was 51 how many runs he made in the 51st innings

8) 2 oranges, 3 bananas and 4 apples cost Rs.15 . 3 oranges 2 bananas 1 apple costs Rs 10. what is the cost of 3 oranges, 3 bananas and 3 apples ANS Rs 15.

9) in 80 coins one coin is counterfeit what is minimum number of weighings to find out counterfeit coin

10) in a company 30% are supervisors and 40% employees are male if 60% of supervisors are male. what is the probability that a randomly chosen employee is a male or female?

11) statement: all green are blue are blue, all blue are white conclusion:

I) some blue are green II) some white are green

III) some green are not white IV) all white are blue

a) he has given four choices like gre type

12) all teachers are students. some students are girls.

this type of questions are there.

we cant able to reproduce them.

</XMP></BODY></HTML>

TCS

Source : jadavpur university

Dated : 28/4/99

1. VOCABULARY.(SYNONYMS) 40 BITS. 20 MARKS. 20MIN.

2. QUANTITATIVE APTITUDE 15 BITS 30 MARKS 15 MIN.

3. CRITICAL REASONING.(COMPREHENSION) 50 BITS 50 MARKS 25 MIN.

4. PSYCHOMETRIC TEST. 150 BITS 150 MARKS 30 MIN

250 MARKS 90 MIN

THE PSYCHOMETRIC TEST IS SIMPLE AND THERE IS NO NEED OF OF PREPARATION. IT SIMPLY TEST YOUR PSYCHOLOGY. GIVE MOST POSITIVE ANSWERS TO THIS SECTION. I AM SENDING SOME QUESTIONS TO YOU. THE VOCAB. IS SAME. BUT THERE IS SOME CHANGES IN PASSAGES.BUT THE IDEA IS SAME.

TAKE FOLLOWING PRECAUTIONS WHILE ANSWERING TEST.

1. DON'T WRITE FULL ANSWERS TO VOCAB. SECTION. DO ONLY 36 to 37 QWUE's.BECAUSE THEY DISQUALIFIED SOME CANDIDATES HERE.

2. WE ARE SENDING ANSWERS TO THIS SECTION. SO YOU SIMPLY MUG UP ANSWERS.

3. FOR CRITICAL REASONING SECTION WE ARE SENDING ANSWERS.BUT SOME OF THESE ANSWERS MAY CHANGE. SO YOU PLEASE CHECK IN

EXAMINATION. THE ANSWERS IS SIMPLY (TRUE) OR (FALSE) OR (CAN'T SAY) TYPE. FOR THIS SECTION YOU HAVE READ AS FAST AS YOU CAN. IT SIMPLY TEST YOUR COMPREHENSION ABILITY.

4. EVENTHOUGH WE ARE SENDING ANSWERS TO MATHEMATICAL ABILITY. SECTION. YOU DO " ROUGH " WORK BACK OF YOUR PAGE. IT IS ALSO ONE OF IMPORTNANT CAUTION.

5. IN PSYCHOLOGY SECTION THE QWE'S MAY REPEATE AT LEAST FOUR TIMES. BY SIMPLY CHANGING SENTENCE FORMATION. SO BECAREFUL GIVE SAME ANSWERS TO THOSE QWE'S.

THERE WILL BE NO NEGATIVE MARKING. TIME 90 Min., APPEARED FOR EXAM =255 STUDENTS
SELECTED FOR INTERVIEW =122, FINALLY SHORT LISTED = 55 STUDENTS.

SECTION I VOCABULARY (SYNONYMS) TIME :15 Min. MARKS: 20.
DIRECT ANSWERS :

Admonish : usurp Meager : scanty Alienate : estrange
Merry : gay Brim : Boarder obstinate : stubborn
Pretention:pretentioius Tranquil:serene solicit : urge
subside : wane furtive : stealthy misery : disstress
volume : quantity veer : diverge stifle : sniths
adhesive : --- Hamper : obstruct belief : conviction
lament : wail to merit : to deserve incentive : ----
inert: passive Baffle : Frustrate Confiscate : appropriat
Covet : crave Caprice : whim Concur : acquiesce
Cargo : freight Dispel : Scatter Divulge : -----
Discretion: prudence Emancipate : liberate Efface : obliterate
Hover : linger Heap : to pile Instigate : incite
latitude : scope latent : potential lethergy : stupor
momentary : transient
----- means , for these words we are not able to reproduce answers.

PART II QUANTITATIVE APTITUDE ,TIME 20 Min. MARKS :30.

-
1. Two pencils costs 8 cents, then 5 pencils cost how much (Ans:20 cents).
 2. A work is done by the people in 24 min. one of them can do this work a lonely in 40 min. how much time required to do the same work for the second person.
(ans:60 min.)
 3. A car is filled with four and half gallons of oil for full round trip. fuel is taken $\frac{1}{4}$ gallons mor3 in going than coming. what is the fiel consumed in coming up? (2 gallons)
 4. low temperature at the night in a city is $\frac{1}{3}$ more than $\frac{1}{2}$ hinge as higher temperature in a day. sum of the low temp and higherst temp is 100C. then what is the low temperature (40 C)
 5. A person who decided to go weekend trip should not exceed 8 hours driving in a day Average speed of forward journey is 40 mph. due to traffic in sundays, the return journey average speed is 30 mph. how far he can select a picnic spot (120 miles).

6. A sales person multiplied a number and get the answer is 3, instead of that number divided by 3. what is the answer he actually has to get ? ($\frac{1}{3}$).
7. A ship started from port and moving with I mph and another ship started from L and moving with H mph. At which place these two ships meet ? (Ans is between I and J and close to J)

!_____!_____!_____!_____!_____!_____!
port G H I J K L

8. A building with height D ft shadow upto G. A neighbour building with what height shadow C ft is (B ft.)

!_____!_____!_____!_____!_____!_____!_____!
A B C D E F G H

9. A person was fined for exceeding the speed limit by 10 mph. Another person was also fined for exceeding the same speed limit by twice the same. If the second person was travelling at a speed of 35 mph. find the speed limit (15 mph)
10. A bus started from bustand at 8.00a m and after 30 min staying at destination, it returned back to the bustand. the destination is 27 miles from the bustand. the speed of the bus 50 percent fast speed. at what time it returns to the bustand (11.00)
11. in a mixture, R is 2 parts, S is 1 part. in order to make S to 25% of the mixture, howmuch R is to be added (one part).
12. wind flows 160 miles in 330 min, for 80 miles how much time required.
13. with $\frac{4}{5}$ full tank vehicle travels 12 miles, with $\frac{1}{3}$ full tank how much distance travels (5 miles).
14. two trees are there. one grows at $\frac{3}{5}$ of the other. in 4 years, total growth of trees is 8 ft. what growth will smaller tree will have in 2 years. (<2ft)
15. A storm will move with a velocity of towards the center in hours. At the same rate how much far will it move in hrs. (but Ans is $\frac{8}{3}$ or $2\frac{2}{3}$).

PART III: TIME 25 Min, MARKS :50.

CRITICAL REASONING : THERE WILL BE 13 PASSAGES WITH 50 QUESTIONS TIME 30 MIN.

HERE I AM SENDING ONLY SOME OF THE PASSAGES (these will give only rough idea)

(ANSWERS WILL BE AS YES/NO/CAN'T SAY we are giving our answers, please check.)

1. My father has no brothers. he has three sisters who has two childs each.

- 1 my grandfather has two sons (f)
- 2 three of my aunts have two sons(can't say)
- 3 my father is only child to his father(f)
- 4 i have six cousins from my mother side(f)
- 5 i have one uncle(f)

2. Ether injected into gallblader to dissolve galstones. this type oneday treatment is enough for gallstones not for calcium stones. this method is alternative to surgery for millions of people who are suffering from this disease.

- 1 calcium stones can be cured in oneday (f)
- 2 hundreds of people contains calcium stones(can't say)
- 3 surgery is the only treatment to calcium stones(t)
- 4 Eather will be injected into the gallbleder to cure the cholestrol based gall stones(t).

3. Hacking is illigal entry into other computer. this is done mostly because of lack of knowledge of computer networking with networks one machine can access to another machine. hacking go about without knowing that each network is accredited to use network facility.

- 1 Hacking people never break the code of the company which they work for (can't say).
 - 2 Hacking is the only vulnerability of the computers for the usage of the data.(f)
 - 3 Hacking is done mostly due to the lack of computer knowledge (f).
- (there will be some more questions in this one)

4. alphine tunnels are closed tunnels. in the past 30 yrs not even a single accident has been recorded for there is one accident in the rail road system. even in case of a fire accident it is possible to shift the passengers into adjacent wagons and even the living fire can be detected and extinguished with in the duration of 30 min.

- 1 no accident can occur in the closed tunnels (True)
 - 2 fire is allowed to live for 30 min. (False)
 - 3 All the care that travel in the tunnels will be carried by rail shutters.(t)
- 4

5. In the past helicopters are forced to ground or crash because of the formation of the ice on the rotors and engines. a new electronic device has been developed which can detect the watercontent in the atmosphere and warns the pilot if the temp.is below freezing temp. about the formation of the ice on the rotors and wings.

- 1 the electronic device can avoid formation of the ice on the wings (False).
- 2 There will be the malfunction of rotor & engine because of formation of ice (t)

3 The helicopters are to be crashed or down (t)
4 There is only one device that warn about the formation of ice(t).

6. In the survey conducted in Mumbai out of 63 newly married housewives not a single housewife felt that the husbands should take equal part in the household work as they felt they lose their power over their husbands. In spite of their careers they opt to do the kitchen work themselves after coming back to home. The wives get half as much leisure time as the husbands get at the week ends.
1 housewives want the husbands to take part equally in the household(f)
2 wives have half as much leisure time as the husbands have(f)
3 39% of the men will work equally in the house in cleaning and washing
3

7. Copernicus is the intelligent. In the days of Copernicus the transport and technology development was less & it took place weeks to communicate a message at that time. wherein we can send it through satellite with in no time -----, even with this fast developments it has become difficult to understand each other.
1 people were not intelligent during Copernicus days (f).
2 Transport facilities are very much improved in no a days (can' say)
3 Even with the fast developments of the technology we can't live happily. (can't say)
4 We can understand the people very much with the development of communication(f).

Q8) senior managers warned the workers that because of the introduction of Japanese industry in the car market. There is the threat to the workers. They also said that there will be the reduction in the purchase of the sales of car in public. the interest rates of the car will be increased with the loss in demand.
1 Japanese workers are taking over the jobs of Indian industry. (false)
2 managers said car interests will go down after seeing the raise in interest rates. (true)
3 Japanese investments are ceasing to end in the car industry. (false)
4 people are very much interested to buy the cars. (false)

Q9) In the totalitarian days, the words have very much devalued. In the present day, they are becoming domestic that is the words will be much more devalued. In that days, the words will be very much effected in political area. but at present, the words came very cheap. we can say they come free at cost.
1 totalitarian society words are devalued. (false)
2 totalitarian will have to come much about words(t)

3 The art totalitarian society the words are used for the political speeches.
4

Q10) There should be copyright for all arts. The reele has came that all the arts has come under one copy right society, they were use the money that come from the arts for the developments . There may be a lot of money will come from the Tagore works. We have to ask the benifiters from Tagore work to help for the development of his works.

1 Tagore works are came under this copy right rule.(f)

2 People are free to go to the because of the copy right rule.(can't say)

3 People gives to theater and collect the money for development.(can't say)

4 We have ask the Tagore resedents to help for the developments of art.(can't say)

NOTE : DO 1,2,3,4,5 PASSAGES WHICH ARE EASY. LAST BUT ONE ALSO. DO THAT PASSAGES CAREFULLY. TIME WILL BE INSUFFICIENT. PASSAGES ARE NOT AS EXACTLY AS ABOVE. THERE IS HIGHLEVEL ENGLISH IN ALL THE PASSAGES, WE ARE GIVING IN OUR OWN WORDS , U CANNOT EXPECT THE SAME TYPE OF ENGLISH THERE. WHILE ANSWERING U SHOULD BE VERY FAST, DO NOT WASTE TIME, IT IS INSUFFICIENT, TRY TO ANSWER AS MANY AS POSSIBLE.

SECTION 4. PSYCHOMETRIC TEST.

DO NOT BOTHER ABOUT MUCH ABOUT THIS TEST. BE OPTIMISTIC WHILE ANSWER. THERE WILL BE 150 QUESTIONS IN 30 MIN. THE QUESTIONS IN THIS SECTION MAY REPEATED WITH SLIGHT VARIATIONS ANSWER SHOULD BE SAME IN BOTH THE CASES. (ans will be as yes/no/can't say)

for example

1 you will be interested in social activities.

2 while going upstairs you will move two steps at a time.

3 you will be making friendship with same sex or with opposite sex also.

4 your friends will consider u as a leader in your group

5 people think that your'e serious minded.

6 some times you feel dull without any reason.

7 your'e host or hostes for several parties.

8 relatives come to your house you will entertain them.

9 you will do work for longtime without tireness.

10 in your company you want lead the organasition.

etc.. the qquestions may repeate several times so becareful and give same ans's.

In the paper I am sending, there are about 40 vocabulary questions. But this year's paper has only 20 of them. Time 5 min. Marks 10. Do only 15 or 16 bits correctly.

Quantitative aptitude: I am sending 15 questions. In the latest paper we got, there are only 10 of them present. Time 10 min. Marks 20. Do all the problems correctly.

Reasoning: All answers are given. Remember them. In the exam, you will not be having time to read the passages. So remember the answers. I don't remember two passages (R and Q). You can read these passages in the exam and answer them. Remember: don't answer all questions. Write 7 or 8 incorrect answers. Time 45 min. Total 70 questions and Marks 70.

Your ultimate aim is to get 75 to 85 marks. Because if you get high marks, they may assume that you know the paper beforehand and you may be disqualified. So don't get more than 90 marks.

WISH U ALL THE BEST.

~~~~~  
~~~~~

Vocabulary

Admonish-usurp, meager-scant, alienate-estrangle, merry-gay, brim-boarder, obstinate-stubborn
solicit-urge, subside-wane, furtive-stealthy, misery-distress, volume-quantity,
veer-diverge, stifle-sneaky, adhesive-sticky, hamper-obstruct, belief-con-
viction, lament-wail, incentive-spur, inert-passive, baffle-frustrate, confiscate-appropriate, c
overt-crave, caprice-whim, concur-acquiesce, cargo-freight, dispel-scatter, divulge-reveal, to merit-
to
deserve, discretion-prudence, emancipate-liberate, efface-obliterate,

hover-linger, heap-to
pile, instigate-incite, latitude-scope, latent-potential, lethargy-stupor
momentary-transient, pretentious-ostentatious, embrace-effigy

Aptitude

- 1) 2 pencils cost 8 cents, then 5 pencils cost how much
a) 20c
- 2) a work is done by the people in 24 min. one of them can do this work
alone in 40 min. how much time required to do the same work for the
second person
a) 60min
- 3) a car is filled with four and half gallons of oil for full round
trip. fuel is taken 1/4 gallons more in going than coming. what is the fuel
consumed in coming up.
a) 2 gallons
- 4) low temperature at the night in a city is 1/3 more than 1/2 higher as
higher temperature in a day. sum of the low temp and high temp is 100 c.
then what is the low temp.
a) 40 centigrade
- 5) a person who decided to go weekend trip should not exceed 8 hours
driving in a day average speed of forward journey is 40 mph. due to
traffic on Sundays the return journey average speed is 30 mph. how far he
can select a picnic spot.
a) 120 miles
- 6) a sales person multiplied a number and got the answer is 3

instead of that number divided by 3.what is the answer he actually has to get.

a)1/3

7)a ship started from a port and moving with I mph and another ship started from L and moving with H mph.at which place these two ships meet.

a)between I and J and close to J

8)a building with height D ft shadow upto G.A neighbour building with what height shadow C ft is

a)B ft

9)a person was fined for exceeding the speed limit by 10mph.another person was also fined for exceeding the same speed limit by twice the same if the second person was travelling at a speed of 35 mph.find the speed limit

a)15mph

10)a bus started from bustand at 8.00am and after 30min staying at destination it returned back to the bustand.the destination is 27 miles from the bustand the speed of the bus 50percent fast speed at what time it returns to the bustand.

a)11.00am

11)in a mixture,R is 2 parts,s is 1 part in order to make s to 25% of the mixture,howmuch r is to be added

a)one part

12)wind flows 160 miles in 330min.for 80 miles how much time required

a)---

13)with 4/5 full tand vehicle travels 12 miles, with 1/3 full tand how much distance travels

a)5 miles

14)2 trees are there.one grows at 3/5 of the other.In 4 years total growth of the trees is 8 ft.what growth will smaller tree will have in 2 years.

a)2 ft

15)a storm will move with a velocity of --- towards the center in --- at the same rate how much far will it move in hrs

a)8/3 or 2 2/3

15 not clear

Reasoning

A.

my father had no brothers but his 3 sisters are all married and each has 2 children.my grandfather has 2 sons.

1.mu father was an only child F

2.3 of my aunts have sons C

3.i have six cousins on my mother's side C

4. i have only one uncle F

B.

Senior managers in a leading company said that new japanese investment in india was transforming the car industry and warned that jobs were under threat from japanese competition. they stated that increasing competition would be coupled with an in evitable downturn i the car market and the recent rise in interst rates whaich had already hit demand.

5.some senior managers said that more people will want to buy new cars in the future. F

6.managers told workers that japanese workers are taking jobs away from indian workers in the car industry. F

7.the managers issued their warning after a rise in interest rates. T

8.the increased rate of the interest will mean that japanese firms will

cease to operate in this country. C

C.Researchers in mumbai have found that certain types of gallstones can be dissolved by injecting them with a gasoline additive in the form of ether the ether is injected through a tube directly into a tube directly into the gallbladder.the one day treatment works only on cholesterol-based stones.not those composed largely o calcium.however as the clolesterol stones are by far the most common typefor millions of gallstones sufferers the treatment should offer a welcome alternative to surgery the commonest option in nost hospitals.

9.injecting ether into the gallbladder dissolves most gallstones T

10.surgery is the only treatment for calcium stones T

11.hundreds of peoplecontains calcium stones C

12.calcium stones will be cured in one day F

D.organising the home can be perceived as conferring power so large numbers of women are unwilling to let go of chores,even when they have careers.a survey found that,out of 65 new marriages not one single wife expected her husband to share work equally.according to the family policy studies center 81% working wives return home to do all th cooking.The average male has nearly half as much more tfree time at weekends than his wife and the typical new father spends just 37 seconds a day talking to his baby.

13.most working wives do not expect their husbands to share chores equally. T

14.the average wife has half as much free time at weekends as her husband.

F

15.some women collude in the unequal distribution of house hold work because they want to retain control C

16. 39% of all men with working wives do the cooking and all the cleaning

F

E.confucius said that to know the future

we have to understand the pasthis

time transport ,communications and scientific knowledge were less developed than they are today.news took weeks to travel where as today satellite links connect the continents virtually instantaneously.but our technological advances in the field of communications seem not to have

improved our capacity to understand one another

17.in confucius daay people were more intelligent C

18.we understand each otheer better now than in confucius time because we can travel more quickly. F

19.we have made great improvements in transport since confucius day T

20.none of our scientific discoveries has really improved our lives C

F.words in totalitarian systems have an unhealthy importance and in such states now attempting to return to a more democratic normality there has been a natural inevitable and healthy devaluation of words whereas previously a single word used in a speech or even a play or poem could be

a serious political event now the words come cheaper almost free.

politics is politics again and poetry only poetry

21.totalitarian state devalue words T

22.only non-totalitarian regimes produce poetry of political importance T

23.writers under totalitarian regimes have to choose their words care fully T

24. the democratic political system is healthier than others C

G. statistics show that millions of vehicles have been carried by shuttle over the past 30 years through alpine tunnels without one ever catching fire. In the alpine tunnels, drivers and passengers sit in their vehicles on the shuttle trains. Only one vehicle has ever caught fire on the busy French motorail equivalent system. This sort of accidents is not possible in a closed shuttle. Assertions that a vehicle fire will lead to catastrophe have no basis. Since the resources exist to detect, control and extinguish a fire and to remove any persons present safely to an adjoining wagon, leaving any surviving fire facing rapid extinction within a wagon built to contain fire for 30 minutes. Catastrophe seems very unlikely.

25. If a car caught fire in a rail shuttle, probably none would be killed.

(T)

26. At least one vehicle has caught fire in an alpine tunnel. (f)

27. If a fire started in a wagon, it would be allowed to burn itself out in 30 minutes. (f)

28. It would theoretically be possible for a car to catch fire in a closed shuttle system. (F)

H) Every form of art is protected by copyright, upon the expiration

of which the property passes into the public domain and becomes freely available to any one wishing to exploit it commercially. The time has come when all treasures should pass to the control of a trust, and by this made readily available to anyone on payment of a fee or royalty. The income from the works of Tagore would alone be enormous. These who now mainly benefit from his genius should make some contribution to the welfare of the arts in general.

29. Tagore's plays are not protected by copyright. F

30. Tagore's descendants should be asked to make some contribution to the arts C

31. Instead of buying a ticket, theatregoers should pay a fee to trust for the benefit of the arts. C

32. More people could go to the theatre if copyright were abolished C

I. Hacking is a crime made possible by a relatively new technology, which one of the reasons it is often poorly understood and reported. Many computers, but no means all, are now linked together in networks which allow users on one computer to communicate with others on the same network. If a computer is not networked, no manipulation of its data from another machine is possible. So long as users are authorised, networking is just a way of making work easier and more productive. Hacking on the other hand, is the unauthorised use of networks or unauthorised entry into the computers themselves. Most people do not need to break into the networks they use, since they are already accredited users.

33. Most hackers are authorised to break into networks F

34. Computers are only vulnerable to the unauthorised manipulation of their data via another computer if they are networked T

35. The main reason why it is relatively easy to break into a computer is that few people understand the technology. C

36. Hackers do not work for the firms whose networks they break into. T

J. Although invaders represent a threat to the conservation of flora and fauna, there are two special cases in which invasion have been deliberately brought about. One is the desire to control pests by natural predators,

which may have to be brought in from other countries. The second is releasing organisms into the wild (or on to farms, from which they might escape) that are completely novel, because they have been genetically engineered. There is nothing intrinsically sinister about engineered organisms, but any novelty must be regarded as a potential invader.

37. Pest control does not threaten the conservation of flora and fauna. T

38. Genetically engineered organisms must always be regarded as potentially dangerous. F

39. Natural predators are more harmful than pests. T

40. Genetically engineered organisms escaped from the farm, they will be a threat to wildlife. T

K. electronics technology is coming to the rescue of helicopters which can

be grounded or crash in icy conditions the machines are especially vulnerable to the build up of ice on both their rotors and engine air intake when operating in cold damp conditions. the problem is 2 fold ice increases the weight and the build up makes the aerofoils less efficient. now at last a detector has been devised which the company hopes will mean safer flights and less frequent grounding. unlike most devices in use at present it can detect the liquid water content of cloud above freezing level. so the warning is given before the potential hazard is encountered.

39. an electronic device has been invented which will prevent the build up of ice on helicopter rotors F

40. helicopters are sometimes grounded because in cold damp weather their engine air intakes and rotors malfunction owing to the formation of ice.

T

41. only one device can at present detect the liquid water content of cloud above freezing level C

42. in future fewer helicopters will crash or have to be grounded T

L. anyone who has systematically examined faces will have perceived a preponderance although not a proliferation of asymmetry. whether or not the expression is voluntary and self controlled or spontaneous appears to predict facial asymmetry as does the type of emotion portrayed. positive emotions are usually displayed symmetrically although a left sided representation of a negative emotion is more common. posed expressions and negative emotions are less likely to be symmetrically represented.

43. an angry person is more likely to have a lopsided expression than someone who is smiling T

44. a deliberately assumed facial expression will always be asymmetrical F

45. an actor is likely to smile symmetrically when acting C

46. more self conscious people are likely to have less asymmetrically facial expressions than those who are less aware of themselves T

M. human existence is not susceptible of arbitrary division between consciousness and unconsciousness. the conscious world invades and shapes the activities of the unconscious while many of the great achievements of humanity's waking hours were wholly or partly inspired by dreams. even if it could be argued that dreams precede experience such a dichotomy could not be drawn as the influence of dreaming on the waking state would remain unclear but as yet no common vocabulary exists to record the substance of prenatal dreaming

47. sleep can be a creative state. T

48. it is difficult to tell whether a sleeper is dreaming or not C

49. if we knew what babies dream about before they are born we could

show that conscious and unconscious mind influence one another F
50. it is untrue to claim that the conscious and unconscious worlds never impinge on one another F

New twenty questions

N. disease x succeeds lung disease. it may also occur healthy persons the person looks healthier from outside. the number of red blood cells in the blood increased and this leads to thickness of the blood as a result of which blood lacks inside the vessels. the person suffers heart attack. one possible solution is to remove a litre of blood or to control the growth of red blood cells.

53. lung disease precedes the disease x T

54. a person who gets heart attack always has disease x F

55. people suffering from disease x look healthier C

56. one litre of blood must be removed to cure this T

O. a starfire engine has been designed to work only for unleaded petrol. this crossfire engine is designed for both 1500 and 1800 cc they internally and externally look alike except for the difference in wheels ----, 2000 cc is different from the above two in terms of 3 features --- ----- on the bumper.

57. the engine runs only on the leaded petrol F

58. 1500 and 1800 cc look alike F

59. apart from cross fire engines they manufacture ---- F

60. internal structure of the 2000cc is same as that of both 1500 and 1800 cc C

P. a weed killer to kill the weeds has been developed. the weed killer solution has to be applied to the growing tips. it need not be applied to all the tips. the solution has to be prepared in a can in one hand and the plants are taken in the other hand with a glove and are immersed in the solution. if we cannot immerse them in the solution the solution can be applied to the roots with a brush. if used without care it can pose danger to other plants.

61. the solution has to be applied to growing leaves

62. to use the weedkiller first take the plants in the can as then pour the solution into it.

63. it is sufficient to apply it only to some roots

64. it affects the other plants.

Q.

65. flora 3 sofa set gives value to your money

66. padding is used to increase durability

67. flora will make all other products other than sofa sets

68. can we use wood as ----- T

R.

69. the length of the cracker will be less than 12 cm F

70. the center part of the crackers is 4cm T

these are the questions given from tcs paper
don't answer all questions.

In reasoning test at the end of each question we indicated
F, T, C

where F represents False

" T " True

" C " cant say.

Aafer this test,psychmetry test will be there.dont bother about it.
it is just
formal.they will not consider it.But answer all 150 questions in 30
minutes

This test consists of 50 questions.The Set Code for this paper is D.

1. The C language terminator is

- (a) semicolon
- (b) colon
- (c) period
- (d) exclamation mark

2. What is false about the following -- A compound statement is

- (a) A set of simple statments
- (b) Demarcated on either side by curly brackets
- (c) Can be used in place of simple statement
- (d) A C function is not a compound statement.

3. What is true about the following C Functions

- (a) Need not return any value
- (b) Should always return an integer
- (c) Should always return a float
- (d) Should always return more than one value

4. Main must be written as

- (a) The first function in the program
- (b) Second function in the program
- (c) Last function in the program
- (d) Any where in the program

5. Which of the following about automatic variables within a function is correct ?

- (a) Its type must be declared before using the variable
- (b) Tthey are local
- (c) They are not initialised to zero
- (d) They are global

6. Write one statement equivalent to the following two statements

```
x=sqr(a);  
return(x);
```

Choose from one of the alternatives

- (a) `return(sqr(a));`
- (b) `printf("sqr(a)");`
- (c) `return(a*a*a);`
- (d) `printf("%d",sqr(a));`

7. Which of the following about the C comments is incorrect ?

- (a) C comments can go over multiple lines
- (b) Comments can start any where in the line
- (c) A line can contain comments with out any language statements
- (d) Comments can occur within comments

8. What is the value of y in the following code?

```
x=7;  
y=0;  
if(x=6) y=7;  
else y=1;
```

- (a) 7
- (b) 0
- (c) 1
- (d) 6

9. Read the function `conv()` given below

```
conv(int t){  
    int u;  
    u=5/9 * (t-32);  
    return(u);  
}
```

What is returned

- (a) 15
- (b) 0
- (c) 16.1
- (d) 29

10. Which of the following represents true statement either x is in the range of 10 and 50 or y is zero

- (a) `x >= 10 && x <= 50 || y == 0`
- (b) `x < 50`
- (c) `y != 10 && x >= 50`
- (d) None of these

11. Which of the following is not an infinite loop ?

- (a) `while(1){}`
- (b) `for(;;)`
{
...
}

```
(c) x=0;
do{
/*x unaltered within the loop*/
.....}
while(x == 0);
```

```
(d) # define TRUE 0
...
while(TRUE){
....}
```

12. What does the following function print?

```
func(int i)
{ if(i%2)return 0;
  else return 1;}
main()
{
int =3;
i=func(i);
i=func(i);
printf("%d",i);
}
```

- (a) 3
- (b) 1
- (c) 0
- (d) 2

13. How does the C compiler interpret the following two statements

```
p=p+x;
q=q+y;
```

- (a) p=p+x;
 q=q+y
- (b) p=p+xq=q+y
- (c) p=p+xq;
 q=q+y
- (d) p=p+x/q=q+y

For questions 14,15,16,17 use the following alternatives

a.int
b.char
c.string
d.float

14. '9'

15. "1 e 02"

16. 10e05

17. 15

18. Read the following code

```
# define MAX 100
# define MIN 100
```

```
....
```

```
....
```

```
if(x>MAX)
```

```
x=1;
```

```
else if(x<MIN)
```

```
x=-1;
```

```
x=50;
```

if the initial value of x=200, what is the value after executing this code?

(a) 200

(b) 1

(c) -1

(d) 50

19. A memory of 20 bytes is allocated to a string declared as char *s then the following two statements are executed:

```
s="Entrance"
```

```
l=strlen(s);
```

what is the value of l ?

(a)20

(b)8

(c)9

(d)21

20. Given the piece of code

```
int a[50];
```

```
int *pa;
```

```
pa=a;
```

To access the 6th element of the array which of the following is incorrect?

(a) *(a+5)

(b) a[5]

(c) pa[5]

(d) *(*pa + 5)

21. Consider the following structure:

```
struct num nam{
```

```
int no;
```

```
char name[25];
```

```
}
```

```
struct num nam n1[]={ {12,"Fred"}, {15,"Martin"}, {8,"Peter"}, {11,"Nicholas"} };
```

```
.....
```

```
.....
```

```
printf("%d%d",n1[2],no,(*(n1 + 2),no) + 1);
```


What does the above statement print?

- (a) 8,9
- (b) 9,9
- (c) 8,8
- (d) 8,unpredictable value

22. Identify the in correct expression

- (a) a=b=3=4;
- (b) a=b=c=d=0;
- (c)float a=int b=3.5;
- (d)int a; float b; a=b=3.5;

23. Regarding the scope of the variables;identify the incorrect statement:

- (a)automatic variables are automatically initialised to 0
- (b)static variables are are automatically initialised to 0
- (c)the address of a register variable is not accessible
- (d)static variables cannot be initialised with any expression

24. cond 1?cond 2?cond 3?:exp 1:exp 2:exp 3:exp 4;
is equivalent to which of the following?

(a)if cond 1
exp 1;
else if cond 2
exp 2;
else if cond 3
exp 3;
else exp 4;

(b) if cond 1
if cond 2
if cond 3
exp 1;
else exp 2;
else exp 3;
else exp 4;

(c) if cond 1 && cond 2 && cond 3
exp 1 |exp 2|exp 3|exp 4;

(d) if cond 3
exp 1;
else if cond 2 exp 2;
else if cond 3 exp 3;
else exp 4;

25. The operator for exponencation is

- (a) **
- (b) ^

- (c) %
- (d) not available

26. Which of the following is invalid

- (a) $a+=b$
- (b) $a*=b$
- (c) $a>>=b$
- (d) $a**=b$

27. What is y value of the code if input x=10

```
y=5;
if (x==10)
else if(x==9)
else y=8;
```

- (a) 9
- (b) 8
- (c) 6
- (d) 7

28. What does the following code do?

```
fn(int n,int p,int r){
static int a=p;
switch(n){
case 4:a+=a*r;
case 3:a+=a*r;
case 2:a+=a*r;
case 1:a+=a*r;}}
```

- (a) computes simple interest for one year
- (b) computes amount on compound interest for 1 to 4 years
- (c) computes simple interest for four year
- (d) computes compound interest for 1 year

29. $a=0$;
 $\text{while}(a<5)$
 $\text{printf}("%d\\n",a++)$;
How many times does the loop occurs?

- (a) infinite
- (b) 5
- (c) 4
- (d) 6

30. How many times does the loop iterated ?

```
for (i=0;i=10;i+=2)
printf("Hi\\n");
```

- (a) 10
- (b) 2

- (c) 5
- (d) None of these

31. What is incorrect among the following
A recursive function

- (a) calls itself
- (b) is equivalent to a loop
- (c) has a termination condition
- (d) does not have a return value at all

32. Which of the following go out of the loop if expn 2 becoming false

- (a) while(expn 1)\{...if(expn 2)continue;}
- (b) while(!expn 1)\{if(expn 2)continue;...}
- (c) do{..if(expn 1)continue;..}while(expn 2);
- (d) while(!expn 2)\{if(expn 1)continue;..\}

33. Consider the following program

```
main()
{unsigned int i=10;
while(i>=0){
printf("%u",i)
i--;}
}
```

How many times the loop will get executed

- (a) 10
- (b) 9
- (c) 11
- (d) infinite

34. Pick out the odd one out

- (a) malloc()
- (b) calloc()
- (c) free()
- (d) realloc()

35. Consider the following program

```
main(){
int a[5]={1,3,6,7,0};
int *b;
b=&a[2];
}
```

The value of b[-1] is

- (a) 1
- (b) 3

- (c) -6
- (d) none

36. # define prod(a,b)=a*b
main(){
int x=2;
int y=3;
printf("%d",prod(x+2,y-10)); }

the output of the program is

- (a) 8
- (b) 6
- (c) 7
- (d) None

37. Consider the following program segment

```
int n,sum=1;  
switch(n){  
case 2:sum=sum+2;  
case 3:sum*=2;  
break;  
default:sum=0; }
```

If n=2, what is the value of sum

- (a) 0
- (b) 6
- (c) 3
- (d) None of these

38. Identify the incorrect one

- 1. if(c=1)
- 2. if(c!=3)
- 3. if(a<b) then
- 4. if(c==1)

- (a) 1 only
- (b) 1&3
- (c) 3 only
- (d) All of the above

39. The format specified for hexa decimal is

- (a) %d
- (b) %o
- (c) %x
- (d) %u

40. Find the output of the following program

```
main(){
int x=5, *p;
p=&x
printf("%d",++*p);
}
```

- (a) 5
- (b) 6
- (c) 0
- (d) none of these

41.Consider the following C code

```
main(){
int i=3,x;
while(i>0){
x=func(i);
i--; }

int func(int n){
static sum=0;
sum=sum+n;
return(sum); }
```

The final value of x is

- (a) 6
- (b) 8
- (c) 1
- (d) 3

43. Int *a[5] refers to

- (a) array of pointers
- (b) pointer to an array
- (c) pointerto a pointer
- (d) none of these

44.Which of the following statements is incorrect

- (a) typedef struct new{
int n1;
char n2;
} DATA;
- (b) typedef struct {
int n3;
char *n4;} ICE;
- (c) typedef union{ int n5;
float n6;} UDT;
- (d) #typedef union {
int n7;
float n8;} TUDAT;

NOTE: EACH OF THE QUESTIONS GIVEN BELOW APPEAR AS MULTIPLE CHOICE QUESTIONS IN THE ACTUAL PAPER.

VERBAL SECTION

Directions for questions 1-15: Find the **synonyms** of the following words

1. Merry

Ans. Gay, Happy

2. Alienate

Ans. Estrange

3. Solicit

Ans. To request

4. Heap

Ans. To pile

5. Cargo

Ans. Freight

6. Momentary

Ans. Transient

7. Volume

Ans. Quantity

8. Veer

Ans. Diverge

9. Dispel

Ans. Dissipate

10. Admonish

Ans. Cautious

11.Meager

Ans.Scanty

12.Latitude

Ans.Scope

13.Latent

Ans.Potential

14.Covet

Ans.Crave

15.Discretion

Ans. Prudence

QUANTITATIVE SECTION

1. If two pencils cost 8 cents, then how much do 5 pencils cost?

Ans. 20 cents

2. Some work is done by two people in 24 minutes. One of them can do this work alone in 40 minutes. How much time does the second person take to do the same work ?

Ans. 60 minutes

3. A car is filled with four and half gallons of fuel for a round trip.If the amount of fuel taken while going is $\frac{1}{4}$ more than the amount taken for coming, what is the amount of fuel consumed while coming back?

Ans.2 gallons

4. The lowest temperature in the night in a city A is $\frac{1}{3}$ more than $\frac{1}{2}$ the highest during the day. Sum of the lowest temperature and the highest temperature is 100 degrees. Then what is the low temp?

Ans.40 degrees

5. Javagal, who decided to go to weekened trip should not exceed 8 hours driving in a day. The average speed of forward journey is 40 miles/hr.Due to traffic on sundays, the return journey's average speed is 30 m/h. How far he can select a picnic spot?

- a) 120 miles
- b) between 120 and 140 miles
- c) 160 miles

Ans. 120 miles

6. A salesperson by mistake multiplied a number and got the answer as 3, instead of dividing the number by 3. What is the answer he should have actually got?

Ans. 3

7. A building with height D shadow upto G. What is the height of a neighbouring building with a shadow of C feet.

Ans. $(C \cdot D)/G$

8. A person was fined for exceeding the speed limit by 10 mph. Another person was also fined for exceeding the same speed limit by twice the same. If the second person was travelling at a speed of 35 mph, find the speed limit.

Ans. 15 mph

9. A bus started from busstand at 8.00am, and after staying for 30 minutes at a destination, it returned back to the busstand. The destination is 27 miles from the busstand. The speed of the bus is 18mph. During the return journey bus travels with 50% faster speed. At what time does it return to the busstand?

Ans. 11.00am

10. In a mixture, R is 2 parts and S is 1 part. In order to make S to 25% of the mixture, how much of R is to be added?

Ans. One part of R

11. Wind flows 160 miles in 330 min, for travelling 80 miles how much time does it require?

Ans. 2 hrs 45 mins

12. With a $\frac{4}{5}$ full tank a vehicle can travel 12 miles, how far can it travel with a $\frac{1}{3}$ full tank

Ans. 5 miles

13. There are two trees in a lawn. One grows at a rate $\frac{3}{5}$ of the other in 4 years. If the total growth of trees is 8 ft. What is the height of the smaller tree after 2 years

Ans. $1 \frac{1}{2}$ feet

14. Refer to the figure below. A ship started from P and moves at a speed of I miles per hour

and another ship starts from L and moving with H miles per hour simultaneously. Where do the two ships meet?

||---g---||---h---||---i---||---j---||---k---||---l---||

P G H I J K L are the various stops in between denoted by || . The values g, h, i, j, k, l denote the distance between the ports.

Ans. Between I and J, closer to J

15. If A is travelling at 72 km per hour on a highway. B is travelling at a speed of 25 meters per second on a highway. What is the difference in their speeds in m/sec.

Ans. 1 m/sec

CRITICAL REASONING SECTION

The critical reasoning section consists of some passages followed by 4 to 7 questions per passage. The questions are such that they require ability to read fast and comprehend. The questions asked in this section have three choices TRUE, FALSE, CAN'T SAY. Some examples of questions are given below. Please note that these passages are not the exact passages asked. The passages used a good deal of difficult words which have been removed in this reproduction. Also the passages appearing in the actual paper are much lengthier.

Directions: Answer the questions given below the passage or statement as true, false or can't say.

PASSAGE A: My father has no brothers. He has three sisters who has two childs each.

Answer 1-5 based on the passage A

1. My grandfather has two sons .

Ans. False

2. Three of my aunts have two sons

Ans. Can't say

3. My father is only child to his father

Ans. False

4. I have six cousins from my mother side

Ans. Can't say

5. I have one uncle

Ans. Can't say (uncle can be from the mother's side as well)

PASSAGE B: Ether injected into gallbladder to dissolve cholesterol based gallstones. This type one day treatment is enough for gallstones not for calcium stones. This method is alternative to surgery for millions of people who are suffering from this disease.

Answer questions 6-9 based on passage B

6. Calcium stones can be cured in one day

Ans. False

7. Hundreds of people contain calcium stones

Ans. Can't say

8. Surgery is the only treatment to calcium stones

Ans. True

9. Ether will be injected into the gallbladder to cure the cholesterol based gall stones

Ans. True

PASSAGE C: Hacking is illegal entry into another computer. This happens mostly because of lack of knowledge of computer networking. With networks one machine can access to another machine. Hacking goes about without knowing that each network is accredited to use network facility.

Answer questions 10-12 based on passage B

10. Hackers never break the code of the company which they work for

Ans. Can't say

11. Hacking is the only vulnerability of the computers for the usage of the data

Ans. False

12. Hacking is done mostly due to the lack of computer knowledge

Ans. False

PASSAGE C: Alpine tunnels are closed tunnels. In the past 30 yrs not even a single accident has been recorded for there is one accident in the rail road system. Even in case of a fire accident it is possible to shift the passengers into adjacent wagons and even the live fire can be detected and extinguished within the duration of 30 min.

Answer questions 13-16 based on passage C

13. No accident can occur in the closed tunnels

Ans. True

14. Fire is allowed to live for 30 min

Ans. False

16. All the cars that travel in the tunnels will be carried by rail shuttles.

Ans. True

PASSAGE D: In the past helicopters were forced to ground or crash because of the formation of the ice on the rotors and engines. A new electronic device has been developed which can detect the water content in the atmosphere and warns the pilot if the temperature is below freezing temperature about the formation of the ice on the rotors and wings.

Answer questions 17-20 based on passage D

17. The electronic device can avoid formation of the ice on the wings

Ans. False

18. There will be the malfunction of rotor & engine because of formation of ice

Ans. True

19. The helicopters were to be crashed or grounded

Ans. True

20. There is only one device that warns about the formation of ice

Ans. True

PASSAGE E: In the survey conducted in Mumbai out of 63 newly married housewives not a single housewife felt that the husbands should take equal part in the household work as they felt they lose their power over their husbands. In spite of their careers they opt to do the kitchen work themselves after coming back to home. The wives get half as much leisure time as the husbands get at the week ends.

Answer questions 21-23 based on passage E

21. Housewives want the husbands to take part equally in the household

Ans. False

22. Wives have half as much leisure time as the husbands have

Ans. False

23. 39% of the men will work equally in the house in cleaning and washing

Ans. False

PASSAGE F: Copernicus is the intelligent. In the days of copernicus the transport and technology development was less & it took place weeks to communicate a message at that time, wherein we can send it through satellite with in no time. Even with this fast developments it has become difficult to understand each other.

Answer questions 24-27 based on passage F

24. People were not intelligent during Copernicus days

Ans. False

25. Transport facilities are very much improved in no a days

Ans. Can't say

26. Even with the fast developments of the technology we can't live happily.

Ans. Can't say

27. We can understand the people very much with the development of communication

Ans. False.

PASSAGE G: Senior managers warned the workers that because of the introduction of Japanese industry in the car market. There is the threat to the workers. They also said that there will be the reduction in the purchase of the sales of car in public. The interest rates of the car will be increased with the loss in demand.

Answer questions 28-31 based on passage G

28. Japanese workers are taking over the jobs of Indian industry.

Ans. False

29. Managers said car interests will go down after seeing the rise in interest rates.

Ans. True

30. Japanese investments are ceasing to end in the car industry.

Ans. False

31. People are very interested to buy the cars.

Ans.False

PASSAGE H:In the totalitarituran days,the words have very much devalued.In the present day,they are becoming domestic that is the words will be much more devalued. In that days, the words will be very much effected in political area.but at present,the words came very cheap .We can say they come free at cost.

Answer questions 32-34 based on passage H

32.Totalitarian society words are devalued.

Ans.False

33. Totalitarians will have to come much about words

Ans.True

34. The art totalitation society the words are used for the political speeches.

Ans. False

PASSAGE I:There should be copyright for all arts. The reele has came that all the arts has come under one copy right society,they were use the money that come from the arts for the developments . There may be a lot of money will come from the Tagore works. We have to ask the benifiters from Tagore work to help for the development of his works.

Answer questions 35-39 based on passage I

35. Tagore works are came under this copy right rule.

Ans. False

36. People are free to go to the public because of the copy right rule.

Ans.Can't say

38. People gives to theater and collect the money for development.

Ans.Can't say

39. We have ask the Tagore resedents to help for the developments of art.

Ans.Can't say

PYSCHOMETERIC TEST

You don't need to fret much about this test. This test consists of 150 questions and is just a pyshcology test which should be answered confidently and doesn't require any preparation. One must try being consistent while answering as the same questions are repeatedly asked in different forms. Also one must answer all questions. Questions are of yes, no or can't say kind.

1. Will you be interested in social activities.
2. While going upstairs do you move two steps at a time.
3. Can you make friends with people of the same sex or with opposite sex also
4. Your friends consider you as a leader in your group
5. People think that your'e serious minded.
6. There are times you feel dull without any reason.
7. You host several parties
8. When relatives come to your house do you entertain them.
9. You can work for long hours without tiredness.
10. In your company you want to lead the organisation.

NOTE: EACH OF THE QUESTIONS GIVEN BELOW APPEAR AS MULTIPLE CHOICE QUESTIONS IN THE ACTUAL PAPER.

VERBAL SECTION

Directions for questions 1-15: Find the synonyms of the following words

1. Depreciation

Ans. Deflation, Depression, Devaluation, fall, slump in value

2. Deprecate

Ans. Feel and express disapproval of

3. Incentive

Ans. Thing one encourages a person to do something

4. Echelon

Ans. Level of authority or responsibility

5. Innovation

Ans.To make changes or introduce new things

6. Intermittant

Ans. Externally stopping and then starting

7. Detrimental

Ans.Harmful

8. Aberration

Ans. Deviation

9. Conciliation

Ans.To make less angry or more friendly

10. Orthodox

Ans.Conventional or superstitious

11. Fallible

Ans.Liable to err

12. Volatile

Ans.Ever changing

13. Manifestion

Ans.Clear or obvious

14. Connotation

Ans. Suggest in addition to the fundamental meaning

15. Reciprocal

Ans. Reverse, Opposite

QUANTITATIVE SECTION

1. There are 150 weights .Some are 1 kg weights and some are 2 kg weights. The sum of the weights is 260.What is the number of 1kg weights?

Ans. 40

2. A is driving on a highway when the police fines him for overspeeding and exceeding the limit by 10 km/hr.At the same time B is fined for overspeeding by twice the amount by which A exceeded the limit.If he was driving at 35 km/hr what is the speed limit for the road?

Ans. 15 kmph

3. A moves 3 kms east from his starting point . He then travels 5 kms north. From that point he moves 8 kms to the east.How far is A from his starting point?

Ans. 13 kms

4. A car travels 12 kms with a $\frac{4}{5}$ th filled tank.How far will the car travel with $\frac{1}{3}$ filled tank?

Ans. 5 kms

5. The sum of the digits of a two digit number is 8. When 18 is added to the number, the digits are reversed. Find the number?

Ans. 35

6. The cost of one pencil, two pens and four erasers is Rs.22 while the cost of five pencils, four pens and two erasers is Rs.32.How much will three pencils, three pens and three erasers cost?

Ans. 27

7. Fathers age is 5 times his son's age. 4 years back the father was 9 times older than son.Find the fathers' present age.

Ans. 40 years

8. What number should be added to or subtracted from each term of the ratio 17 : 24 so that it becomes equal to 1 : 2.

Ans. 10 should be subtracted

9. What is the 12th term of the series 2, 5, 8,

Ans. 35

10. If 20 men take 15 days to complete a job, in how many days can 25 men finish that work?

Ans. 12 days

11. In a fraction, if 1 is added to both the numerator and the denominator, the fraction becomes $\frac{1}{2}$. If numerator is subtracted from the denominator, the fraction becomes $\frac{3}{4}$. Find the fraction.

Ans. $\frac{3}{7}$

12. If Rs.1260 is divided between A, B and C in the ratio 2:3:4, what is C's share?

Ans. Rs. 560

13. A shopkeeper bought a watch for Rs.400 and sold it for Rs.500. What is his profit percentage?

Ans. 25%

14. What percent of 60 is 12?

Ans. 20%

15. Hansie made the following amounts in seven games of cricket in India: Rs.10, Rs.15, Rs.21, Rs.12, Rs.18, Rs.19 and Rs.17 (all figures in crores of course). Find his average earnings.

Ans. Rs.16 crore

CRITICAL REASONING SECTION

This section is basically just a reading comprehension section. The critical reasoning section consists of some passages followed by 4 to 7 questions per passage. The questions are such that they require ability to read fast and comprehend. The questions asked in this section have three choices TRUE, FALSE, CAN'T SAY. Some examples of passages are given in test 1. For further practice you may go through any GRE or CAT book which will provide you with ample practice regarding these kinds of questions.

PYSCHOMETERIC TEST

This test consists of 150 questions and is just a psychology test which should be answered confidently and doesn't require any preparation. One must try being consistent while answering as the same questions are repeatedly asked in different forms. Also one must answer all questions. Questions are of yes or no kind.

example:

Are you sincere?

If you find a purse in the market with loads of money would you return it to the rightful owner?

While climbing up the stairs do you take two steps at a time?

Do you drink and smoke more than you think you should?

Are you the life of the party you attend?

Are you shy?

Wipro Systems.

Q1) John weighs twice as much as Marcia. Marcia's weight is 60% of Bob's weight. Dave weighs 50% of Lee's weight. Which of these 5 persons weighs the least?

A) Bob B) Dave C) John D) Lee E) Marcia

Ans) E

Q2) A trip takes 6 hours to complete. After traveling $\frac{1}{4}$ of an hour, $1\frac{3}{8}$ hours, and $2\frac{1}{3}$ hours, how much time does need to complete the trip?

- A) $2\frac{1}{12}$ hours
- b) 2 hours, $2\frac{1}{2}$ minutes
- c) 2 hours, 5 minutes
- d) $2\frac{1}{8}$ hours

ANS) B

Q3) It takes 30 days to fill a laboratory dish with bacteria. If the size of the bacteria doubles each day, how long did it take

for the bacteria to fill one half of dish?

Ans) D (29 days)

Q4) A car wash can wash 8 cars in 18 minutes, At this rate, how many cars can the car wash wash in 3 hours?

ANS) C (80)

Q5) If the ratio of the areas of 2 squares is 2:1, then the ratio of the perimeters of the squares is

ANS) C ($\sqrt{2}:1$)

Q6) There are three types of tickets available for a concert: orchestra, which cost \$12 each; balcony, which cost \$9 each; and box, which

cost \$25 each. There were P orchestra tickets, B balcony tickets, and R box tickets sold for the concert. Which of the following expressions gives the percentage of ticket proceeds due to the sale of orchestra tickets?

Ans) $B \cdot 100 \cdot 12P / (12P + 9B + 25R)$

Q7). In a survey of town of Wasco, it was found that 65% of the people surveyed watched the news on television, 40% read newspaper, and 25% read a newspaper and watched the news on television. What percent of the people surveyed neither watched the news on the television nor read a newspaper?

Ans: (E) 20%

Q8). City B is 5 miles east of City A. City C is 10 miles southeast of City B. Which of the following is the closest to the distance from City A to City C?

Ans: (D) 14 miles

Q9). If the area of a square increases by 69%, then the side of the square increased by

Ans: (B) 30%

Q10). There are 30 socks in a drawer. 60% of the socks are red and the rest are blue. What is the minimum number of socks that must be taken from the drawer without looking in order to be certain that atleast two blue socks have been chosen?

Ans: (E) 20

1) problem on stock, face value, brokerage
4 questions
see RS Agrawal, edition 1998, 454page,
tabulation(ex 5) loan disbursement by 5 banks
6 questions are intermixed.

2) Averages-7(124page of RS AGrawal) problem on example 3
problem on age

3) page-291- 16th, simple interest-2.5%

4) problem on calculation of cost price, given market price discount
on

ANS) 270

5) frequency of the letter in give strings

reasoning:

1) problem on series non verbal series around -12 questions

2) problem on direction test

3) problem on logical venn diagrams - 10 questions

refer test of reasoning Agrawal page 239

4) blood relations problem ans) Nephew

5) analogy

bouquet: flower :: chain: link--ans

6) try questions non verbal reasoning 97edition RSAgrawal
Questions: 1,2,4,6,16,14,22,23,24,21

7) pick odd

ex 2,4,6,5,8,10 ans 8

7) Data interpretation years Vs Banks six questions
check in RS Agrawal

TISL PAPER

I know some 25 questions.

The technical comprises of 50 questions on C, Unix and windows.

1. const char *

char * const

What is the difference between the above two?

2. In Unix inter process communication take place using?

3. What are the files in /etc directory?

4. About i-node numbers

5. Max relaxable permission value without giving write permission to others?

6. About ln (linking)

7. A question on until

until (who | grep mary)

do

9. process id for kernel process

10. very first process created by kernel

11. function to repaint a window immediately?

12. Function entry for DLL

13. win 3.1 is a ^M

14. win 3.1 supports which type of multi tasking? ^M

15. Message displayed when a window is destroyed ^M

16. About fork()? ^M

17. About send message and post message ^M

18. Message to limit the size of window ^M

19. System call executable binary file into a process ^M

20. About GDI object? ^M

MBT-1999-iit-delhi

ARITHMETIC SECTION

(1) if a boat is moving in upstream with v_1 km/hr and in the downstream

it is moving with v_2 km/hr then what is the speed of the stream.

ans: 13 check the values of v_1 and v_2 are given

to find ans ($v+s = v_1$, $v-s = v_2$ find the boat velocity)

(2) $0.75 * 0.75 * 0.75 - 0.001$

$0.75 * 0.75 - 0.075 + 0.01$

(3) A can work done in 8 days

B can work three times faster than the A;

C can work five times faster than the A;

ans : 8/9 it is correct place blindly.

(4) one answer is $200/3$ % it is perfectly correct we cannot recollect the prob. so place it blindly.

(5) A car is journeyed a certain distance in 7 hrs in forward journey in the return journey increased speed 12km/hr takes the time 5 hrs. what is the distance ans: 210 it is perfect place blindly.

(6) instead of multiplying by 7 to a number dividing by 7 what is the percentage of error

ans we don't know but he has given 14 18 25 and some answers less than

(7) $x + 4y$

----- relation between x and y is $x/2y = 3/2$ ie $x = 3y$ find the

$x - 2y$ ratio ans: 7 place it blindly.

(8) a man buys a liquid by 12 lts and the mixture is of 20% liquid in water

then he makes it in 30% mixture then what is the % of liquid with water.

(9) if a man buys 1lt of milk for 12rs and mixes with 20% of water and sells it for rs15 then what is percentage of gain

(10) A pipe can fill a tank in 30 min B can fill in 28 min then if $3/4$ th

of tank can be filled by B pipe and afterwards both are opened then how much time is required by both the pipes to fill the tank completely.

note: the values of A and B may slightly vary be ware.

(11) on an item a company gave 25% discount then they get 25% profit if it gives 10% discount then what is the profit.

ans: 30% it is correct place blindly.

(12)

i will send the remaining problems if i get remembered o.k this section contain 29 questions.

in fourth section.

1. All chairs laugh.

some birds laugh.

2. some green are blue

no blue is white.

3 all scientists are fools.

all fools are literates.

only these questions see rs agarwal reasoning verbal and nonverbal book new edition as the page numbers i already sent to you.

answers he changed slightly see.

From two fig 6 questions regarding the swimmers, girls, tennis players, tall and

second one on politicians, graduates, parliament members, both questions are same given so mug up and go to exam and place blindly i already sent the page numbers in previous mail.

series: (1) R, M, (..), F, D, (..)

ans: I, C

(2) (..), ayw, gec, mki, sqo ans: usq.

(3) 1, 3, 4, 8, 15, 27, ans: 50

(4) 0, 2, 3, 5, 8, 10, 15, 17, 24, 26, .. ans: 35

(5) 2, 5, 9, 19, 37, .. ans: 75

these are the correct answers place it blindly.

the figure series which i had already sent in the earlier paper is same and one extra question is their it is this type

box type in side the box line and dot.
this type see in the new edition rs agerwal a box is their
in the answer so try for question in rs agerwal
see rs agerwal for statements and asseptions questions.
cut off will be around 30 out of 105 Bso place only the known problems
so
place only correct problems.
the above 35 questions aare enough to qualify.
remaining questions if know exact answers then place .
otherwise simply leave it.

5 mtechs got selected for int.& only one from chem. got the
job.Interview is personal.small software technical ques.about language.
(This is from IITM)

MBT:

one to one negative marking is there.it is tough to qualify unless u
know the paper.totally there are 105 questions. 70 min.
three flow sheets----- 10 min.
sections are quantitative(23),analytical(about 20) ,series&venn
diagrams,logical(20) questions from a passage (about 10). time span for
each section is different.sit at the back so that u can turn pages if u
want.different colored papers are used.

for flow sheets

first one is relatively easy

1.u will be given conditions like

if a wins he gets 100 pts,if b wins he gets 50 pts etc

2.there is flow sheet& there are empty cells(4) at "yes' or 'no"
decision points.

3.for each cell 4 choices will be given which should be chosen by
following through initial conditions &flow sheet logic.

4.rem. -ve marking is there. no verbal questions.

rs aggarwals verbal& nonverbal book

verbal---

pg. 254 pr. 53 to56(almost same)

246 eg.2

pg 104 exer.3a about 5to 6 series qu.are there.so do well

pg.354-355 8,13,

6th doubt

4 conclusions r there in all ques.

pg.115----qu.36

nonverbal----pg.5

41,54,108,145,158

241 is doubtful

ans. to one quant. is 200/3 %

anals.....

1.six persons will be there.

killer,victim,hangman,judge,police,vitness

a,b, c,d,e,f

u have to match

conditions like,a is the last person to the victim alive,will be given
as

clues.so we can conclude that a is the killer.

this is an easy one .paragraph will be very big .don' worry

5 to 6 ques.

2.

5 persons will be there.

cashier, clerk,buyer,manager,floorwalker(check in info. paper for exact
ques.)

a,b,c,d,e will be their names.

conditions will be given&we have to match who is who
3 r women&2 r men in this
sample condition,
cashier&clerk if get married, b will be wise man
mrs.c husband has some business prob with manager
manager&cashier(or clerk) r classmates
etc. will be given
do quantitative qu. from back.....
data graphs on turnover,gross profit &net profit will be given&
u have to extract data from that &find out few ratios.(easy one)

mumbai99:--->>>>

This

I) Distribution of workers in a factory according to the no.of children they have

Figure

1. Total no. of workers in the factory.

Ans : 200

2. Total no. of children that all the workers that have between them is

Ans : 560

3. The total no. of literate workers is

Ans : 105

4. The ratio of literate & illiterate is

Ans - 1:2

5. The no. of literate workers with atleast 3 children is

Ans : 45

6. The no. of illiterate workers with less than 4 children is

Ans : 60

7. The rate of literate to illiterate workers who have 3 children is

Ans - 3:4

II) Which of the following statement(s) is(are) not true

- a. Literate workers have small families than illiterate workers.
- b. Families with 2 or less than 2 children are commoner than families with 3 or more children.
- c. 2 children families constitute 60% of the families of workers.
- d. More the no. of children a worker has the more illiterate he is.
- e. None the above statement is true.

Ans : e

III) ---- of a mutual instrument vibrate 6,8 & 12 intervals respectively. If all three vibrate together what is the time interval before all vibrate together again?

LCM of NR

----- Ans : 1/2 sec

HCF of DR

12) Certain no. of men can finish a piece of work in 10 days. If however there were 10 men less it will take 10 days more for the work to be finished. How many men were there originally.

Ans : 110 men

10) In simple interest what sum amounts of Rs.1120/- in 4 years and Rs.1200/- in 5 years.

Ans : Rs.800/-

vi) Sum of money at compound interest amounts of thrice itself in 3 years. In how many years will it take 9 times itself.

Ans : 6

vii) Two trains in the same direction at 50 & 32 kmph respectively. A man in the slower train observes the 15 seconds elapse before the faster train completely passes him.

What is the length of faster train ?

Ans : 75m

16) How many meshes are there in a sq. m of wire gauge. Each mesh being 8mm long X 5mm width

Ans : 25000

17) $x\%$ of y is $y\%$ of ?

Ans : x

11) The price of sugar increases by 20%, by what % house-wife should reduce the consumption of sugar so that expenditure on sugar can be same as before

Ans : 16.66

?) A man spending half of his salary for house hold expenses, $\frac{1}{4}$ th for rent, $\frac{1}{5}$ th for travel expenses, a man deposits the rest in a bank. If his monthly deposits in the bank amount 50. What is his monthly salary ?

Ans : 1000

?) The population of a city increases @ 4% p.a. That is an additional annual increase of 4% of the population due to this influx of job seekers, the % increase in population after 2 years is

Ans :

?) The ratio of no. of boys & girls in a school is 3:2 Out of these $\frac{2}{5}$ the boys & 25% of girls are scholarship holders. % of students who are not scholarship holders.?

Ans :

?) 15 Men take 21 days of 8 hrs. each to do a piece of work. How many days of 6 hrs. each would do if 21 women take. If 3 women do as much work of 2 men.

Ans : 30

?) a cylinder ingot 6cms in diameter and 6 cms in height is and spheres all of the same size are made from the material obtained.what is the diameter of each sphere?

Ans : 3cms

5) rectangular plank of $\sqrt{2}$ meters wide can be placed so that it is on either side of the diagonal of a square shown below.what is the area of the plank?

Ans : $7\sqrt{2}$

fig no-

7) the difference b/w the compound interest payable half yearly and the simple interest on a certain sum cont out at 10% p.a for 1 year is Rs 25 what is the sum

Ans: 10,000

8) what is the smallest n_0 by which 2880 must be divided in order to make it a perfect square ?

Ans : c

a)3 b)4 c)5 d) 6 e)8

9) a father is 30 times more than his son however he will be only thrice as old as the son what is father's present age ?

Ans : 40

10) An article sold at a profit of 20% if both the c.p & s.p were to be Rs.20/- the profit would be 10% more. What is the c.p of that article?

Ans : 1% loss

SATYAM COMPUTERS (HYDERABAD)

ANTONYMS

- 1)disregarded A) heed
- 2) GRE book pg no. 407 q.no. 13-16 para ie:in a certain society....
- 3)GRE446, 8th quest A) 1
- 4)GRE.....487, 8th.....
- 5).....488, 14th.....
- 6).....513, 4 &8
- 7) if $A+B+C+D$ is a +ve no's then
 - a) one must be +ve no's
 - b) two
 - c)three
 - d)all
- 8) GRE pg no.586 32nd qst.
- 9)if $x+y = 3$ and $y/x=2$ then $y=$
 - a)0 b) $1/2$ c)1 d) $3/2$ e)2
- 17) how many squares with sides $1/2$ inch long are needed to cover a rectangle that is 4 feet long & 6feet wide
 - a)24 b)96 c)3456 d)13824 e)14266
- 18)GMAT pg.no. 439 passage 1 with question 1to9 on pg.440-441 excluding qst.no.2
- GMAT pg.442 passage. 2 excluding q.nos.11, 15.
- 20) successive discounts of 20% and 15% are equal to a single discount of ;
 - a)30% b) 32% c)34% d) 35% e)36% ans) 32%
- if $x/y = 4$ and y is not '0' what % of 'x' is ' $2x-y$ '
ans:175%
- if $x=y=2z$ and $xyz = 256$ then $x=$
ans: 8
- 23)if $2x-y=4$ then $6x-y$ is ans:12

1-8 q's on bus route. a b c d e

a x 8 15 20 7

b 6 x 9 13 21

c 10 12 x 3 11

d 9 1 18 x 5

e 3 4 17 14 x

where x is starting point.a&e are first and last stations.and b,c,d are intermediate stations. fig's are no. of passengers.cost of ticket is 0.7Rs /pass.

between any successive stations. based on this few q's were given. the fig's

are not correct. q's like total no.of pass.in onward journey.

Rest of q's are

2 statements were given. u have to answer they are correct or not .littlebit

easy.

section3

simple q's from r.s agarwal_quantitative apt.

1. $1/10^{\text{power}18} - 1/10^{\text{power}20}$ value?

2.pipes-leaking-cisterns.

paper2

1.general awareness.2.

- 1.father of computers
- 2.expand HTML,DMA,FAT,LAN,WAN,FDDetc
- 3.intel's first micropro...a.pentium b.pentiumproetc
- 4.1024(dec)convert to hexa&octal
- 5.first micro.pro.a)8085b)8088etc
- 6..motorola's processor name?
- 7.windows_NT expand
- 8.simple programs on pascal&c
- 9.diff between 8087,8086 (which is latest vers.)

- 10.some basic q's on GUI.
- 11.q's on IBMpc
- 12.one program on finding factorial

:: Visit following Links for more Placement Resources ::

<http://www.placementpapers.net> - India's No. 1 Placement Website.

<http://forum.placementpapers.net> - Online Placement Forums.
"Discuss, debate, share...."



<http://interview.placementpapers.net> - Interview Tips & Questions.

<http://links.placementpapers.net> - Useful Links & resources.

<http://resume.placementpapers.net> - Resume Tips & Samples.

<http://tutorials.placementpapers.net> - Ebooks & Tutorials.

<http://jobs.placementpapers.net> - Latest Fresher Jobs and Walk-In info.

Other Placement Portals:

<http://ias.placementpapers.net> - IAS/PCS, Civil Services Portal

<http://iit.placementpapers.net> - IIT/REC, ENGG. Portal

<http://gre.placementpapers.net> - GRE, TOEFEL, GMAT, CAT Portal

<http://cbse.placementpapers.net> - CBSE Portal

<http://tools.placementpapers.net> - Useful Tool & Services

<http://www.placementpapers.net>

Disclaimer: All the matter in this document is taken from User Groups and Mailing Lists, you are using this document at your own risk; We are not responsible for any kind of damage or dispute what so ever.